

Index score and summary table of growth center ecological suitability considering River Flood

Suitability Chart No 04 (a): Growth Center Ecological Suitability Statistics Considering River Flood

River Flood and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Total Population 2011	(%)	Urban Population 2011	(%)	Area (SqKM)	(%)
Score: 0.00 - 0.82	City Corporation HQ	1	253388	0.18	17064	0.05	186.74	0.13
	District_HQ	5	2189708	1.53	596630	1.76	1602.69	1.10
	Paurashava_HQ	28	7263656	5.07	909500	2.69	7399.88	5.08
	Upazilla_HQ	19	3232140	2.26	261114	0.77	3792.59	2.61
Score: 0.83 - 1.29	District_HQ	8	3186069	2.22	749883	2.22	2855.22	1.96
	Paurashava_HQ	30	9298994	6.49	1066359	3.15	8207.69	5.64
	Upazilla_HQ	13	3248631	2.27	178920	0.53	2890.78	1.99
Score: 1.30 - 1.67	City Corporation HQ	1	829103	0.58	526412	1.56	318.87	0.22
	District_HQ	12	4694486	3.28	1432204	4.23	3473.95	2.39
	Paurashava_HQ	45	13040338	9.10	1842508	5.45	11925.35	8.19
Score: 1.68 - 2.07	Upazilla_HQ	29	6501287	4.54	325373	0.96	6822.85	4.69
	City Corporation HQ	5	2974699	2.08	1418491	4.19	686.44	0.47
	District_HQ	10	4826897	3.37	1256935	3.72	3491.28	2.40
Score: 2.08 - 2.29	Paurashava_HQ	32	10626460	7.41	1292826	3.82	9871.60	6.78
	Upazilla_HQ	19	4341854	3.03	316252	0.94	4285.69	2.94
	CAP	1	8747042	6.10	8747042	25.86	305.84	0.21
Total	City Corporation HQ	7	7795997	5.44	5664696	16.75	1618.81	1.11
	District_HQ	18	6076288	4.24	1650832	4.88	6266.29	4.31
	Paurashava_HQ	103	27560006	19.23	4227643	12.50	36514.70	25.09
	Upazilla_HQ	98	16634691	11.61	1338540	3.96	33030.07	22.69

Data Compiled by GIS Lab UDD, 2020

Suitability Chart No 04 (b): Name of Growth Center and Ecological Suitability Considering River Flood

River Flood and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 0.00 - 0.82	City Corporation HQ	1	South Surma (Sylhet CC)
	District_HQ	5	Faridpur Sadar, Kurigram Sadar, Rajbari Sadar, Sirajganj Sadar, Tangail Sadar
	Paurashava_HQ	28	Belkuchi, Bera, Bhanga, Bhedarganj, Bhuapur, Boalmari, Damudya, dhunat, Dohar, Faridpur, gabtali, Goalandaghat, Homna, Kazipur, Khoksa, Matlab Uttar (Sengarchar), Nagarkanda, Nageshwari, Pangsha, sariakandi, Sarishabari, Shahjadpur, Shib Char, Sonatola, Sujanagar, Ulipur, Zakiganj, Zanjira
Score: 0.83 - 1.29	Upazilla_HQ	19	Alfadanga, Balaganj, Balia Kandi, Banchhampur, Bishwanath, Char Bhadrason, Char Rajibpur, Chauhali, Chilmari, Fulchhari, Gazaria, Harirampur, Kamarkhanda, Madhukhali, Meghna, Phulbari, Raumar, Sadarpur, Titash
	District_HQ	8	Gaibandha Sadar, Jhenaidaha Sadar, Madaripur Sadar, Maulvi Bazar Sadar, Narail Sadar, Nawabganj Sadar, Pabna Sadar, Shariatpur Sadar
	Paurashava_HQ	30	Atgharia, Bagha & Arani, Bagherpara, Baraigram & Banpara, Barura, Beanibazar, Chandina, Chatkhil, Chatmohar, Chhatak, Debidwar, Golabganj, Gopalpur (Lalpur), Gurudaspur, Harinakunda, Ishwardi, Kalihati, Kalkini, Kanaighat, Kasba, Kumarkhali, Laksam, Lohagara Narail, Madarganj, Raypura, Royganj, Santhia, Shalika, Sundarganj, Ullah Para
Score: 2.08 - 2.29	Upazilla_HQ	13	Bhurungamari, Ghior, Lohajang, Mohammadpur, Monoharganj, Muradnagar, Nagarpur, Nawabganj Dhaka, Palashbari, Saghatta, Shibalaya, South Sunamganj, Sreenagar

# Ecological Variables : River Flood

Suitability Chart No 04 (b): Name of Growth Center and Ecological Suitability Considering River Flood			
River Flood and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 1.30 - 1.67	City Corporation HQ	1	Sylhet Sadar (Sylhet CC)
	District_HQ	12	Bogura Sadar, Chuadanga Sadar, Feni Sadar, Gopalganj Sadar, Jashore Sadar, Kushtia Sadar, Magura Sadar, Manikganj Sadar, Meherpur Sadar, Munshiganj Sadar & Mirkadim, Netrokona Sadar, Sunamganj Sadar
	Paurashava_HQ	45	Alamdanga, Bagati Para, Benapole (Sharsha), Bhairab, Bhangura, Bheramara, Charghat, Chaugachha, Darshana (Damurhuda), Daudkandi, Dewanganj, Dhamrai, Dhanbari, Gangni, Gobindaganj, Gopalpur, Haziganj, Islampur, Jagannathpur, Jhikargachha, Jibannagar, Kachua Chandpur, Kalaroa, Kalia, Kaliganj Jhenaidah, Kendua, Keshabpur, Kotchandpur, Matlab Dakshin, Mirpur Kushtia, Muksudpur, Nabiganj, Nabinagar, Naria, Poba & Katakali & Noahata, Purbadhala, Ramganj, Shahrasti, Shaikupa, sherpur, Shibganj Bogra, Shibganj Nawabganj, Singair, Sonaimuri, Tungipara
	Upazilla_HQ	29	Atpara, Basail, Bishwambarpur, Brahman Para, Chitalmari, Companiganj Sylhet, Daulatpur Kushtia, Daulatpur Manikganj, Delduar, Fenchuganj, Gosairhat, Gowainghat, Hatibandha, Jaintiapur, Jamalganj, Kashiani, Keraniganj, Mollahat, Mujibnagar, Rajarhat, Rajnagar, Rajoir, Sadullapur, Sauria, Serajdikhan, Sreepur Magura, Tahirpur, Tala, Terokhada,
Score: 1.68 - 2.07	City Corporation HQ	5	Cumilla Sadar (Cumilla CC), Khan Jahan Ali (KCC), Mymensingh Sadar (MCC), Narayanganj Sadar (NCC) & Shiddhirganj, Rajshahi Sadar (RCC)
	District_HQ	10	Bagerhat Sadar, Brahmanbaria Sadar, Chandpur Sadar, Habiganj Sadar & Shayestaganj, Jamalpur Sadar, Lakshmipur Sadar, Lalmonirhat Sadar, Narsingdi Sadar & Madhabdi, Natore Sadar & Naldanga, Satkhira Sadar
	Paurashava_HQ	32	Abhaynagar, Barlekha, Begumganj (Chowmuhani), Chaudagram, Daganbhuiyan, Faridganj, Fulbaria, Gaffargaon, Gauripur, Ghatail, Godagari & Kakanhat, Haragacha (Kaunia), Ishwarganj, Kulaura, Madan, Maheshpur, Manirampur, Manohardi, Melandaha, Mirzapur, Mohanganj, Muktagachha, Nakla, Nandail, Phulpur, Puthia, Raipur, Senbagh, Shibpur, Sonagazi, Sreemangal, Trishal
	Upazilla_HQ	19	Araihazar, Bahubal, Barhatta, Belabo, Burichang, Debhata, Dharampasha, Dimla, Dowarabazar, Fakirhat, Gangachara, Haluaghat, Juri, Kaliganj Lalmonirhat, Manda, Phultala, Rupsa, Shajahanpur (Majhira) Bogra, Tongibari,
Score: 2.08 - 2.29	CAP	1	Dhaka City (DNCC & DSCC)
	City Corporation HQ	7	Bandar (NCC) & Tarabo, Barisal Sadar (BCC), Chattogram City (CCC), Gazipur Sadar (GCC & Tongi), Khulna Sadar (KCC), Rangpur Sadar (Rangpur CC), South Cumilla (Cumilla CC)
	District_HQ	18	Bandarban Sadar, Barguna Sadar, Bhola Sadar, Cox's Bazar Sadar, Dinajpur Sadar, Jhalokati Sadar, Joypurhat Sadar, Khagrachhari Sadar, Kishoreganj Sadar, Naogaon Sadar, Nilphamari Sadar, Noakhali Sadar, Panchagarh Sadar, Patuakhali Sadar, Pirojpur Sadar, Rangamati Sadar, Sherpur Sadar, Thakurgaon Sadar
	Paurashava_HQ	103	Adamdighi, Ajmiriganj, Akhaura, Akkelpur, Amtali, Badarganj, Baghai Chhari, Bajitpur, Bakerganj, Banaripara, Banskhali, Bauphal, Betagi, Bhabaniganj (Baghmara) & Tahirpur, Bhaluka, Birampur, Birganj, Bochaganj (Setabganj), Boda, Burhanuddin, Chakaria, Chalna (Dacope), Chandanaish, Char Fasson, Chhagalnaiya, Chunarughat, Companiganj (Bashurhat) Noakhali, Daulat Khan, Derai, Dhamoirhat, dhupchanchia, Domar, Durgapur Netrakona, Durgapur Rajshahi, Fulbari, Galachipa, Gaurinadi, Ghoraghat, Ghorashal (Palash), Hakimpur, Hatiya, Hossainpur, Jaldhaka, Kabirhat, kahaloo, Kalai, Kalapara & Kuakata, Kaliakair, Kaliganj Gazipur, Kamalganj, Karimganj, Katiadi, Kesharhat (Mohanpur), Kotalipara, Kular Char, Lalmonan, Lama, Madhabpur, Madhupur, Mahadebpur, Maheshkhali, Mathbaria, Matiranga, Mehendiganj, Mirsharai (Baraiarhat), Mongla, Morrelganj Bagerhat, Muladi, Nachole, Nalchity, Nalitabari, nandigram, Nangalkot, Nazipur (Patnitala), Nesarabad (Swarupkati), Paikgachha, Pakundia, Panchbibi, Parbatipur, Parshuram, Patgram, Patharghata, Patiya, Pirganj Thakurgaon, Rahanpur (Gomastapur), Ramgarh, Ramgati, Rangunia, Ranisankail, Raozan, Ruppang & Kanchan, Saidpur, Sakhipur, Sandwip, Satkania, Savar, Singra, Sitakunda, Sonargaon, Sreebardi, Sreepur Gazipur, Tanore & mundumala, Teknaf
Upazilla_HQ	98	Aditmari, Agailjhara, Alikadam, Anowara, Ashuganj, Assasuni, Atrai, Atwari, Austagram, Babuganj, Badalgachhi, Bakshiganj, Baliadangi, Bamna, Baniachong, Barkal, Batiaghata, Belai Chhari, Bhandaria, Bholahat, Biral, Boalkhali, Chirirbandar, Dashmina, Debiganj, Dhobaura, Dighalia, Dighinala, Dumki, Dumuria, Fatikchhari, Fulgazi, Haimchar, Haripur, Hathazari, Hizla, Itna, Jhenaigati, Jurai Chhari, Kachua Bagerhat, Kaharole, Kaliganj Satkhira, Kalmakanda, Kanthalia, Kapasia, Kaptai, Kawkhali Pirojpur, Kawkhali Rangamati, Khaliajuri, Khansama, Khetlal, Kishoreganj, Koyra, Kutubdia, Lakhai, Lakshmichhari, Langadu, Lohagara Chittagong, Mahalchhari, Manikchhari, Manpara, Mirzaganj, Mitha Pukur, Mithamain, Morrelganj (Zianagar) Pirojpur, Naikhongchhari, Naniarchar, Nasirnagar, Nawabganj Dinajpur, Nazirpur, Niamatpur, Nikli, Panchhari, Pekua, Pirgachha, Pirganj Rangpur, Porsha, Rajapur, Rajasthali, Rampal, Ramu, Raninagar, Rowangchhari, Ruma, Sapahar, Sarail, Sarankhola, Shyamnagar, Subarnachar, Sulla, Taraganj, Tarail, Tarash, Tazumuddin, Tentulia, Thanchi, Ukhia, Wazirpur	

Data Compiled by GIS Lab UDD, 2020

Index score of each growth center's ecological sensitivity and suitability considering river flood in alphabetical order

District	Growth center	Sensitivity	Suitability		
Bagerhat	Bagerhat Sadar	0.45	1.84		
	Chitalmari	0.66	1.64		
	Fakirhat	0.51	1.79		
	Kachua Bagerhat	0.11	2.19		
	Mollahat	0.71	1.59		
	Mongla	0.00	2.30		
	Morrelganj Bagerhat	0.00	2.30		
	Rampal	0.01	2.29		
	Sarankhola	0.00	2.30		
	Alikadam	0.00	2.30		
	Bandarban Sadar	0.00	2.30		
	Lama	0.00	2.30		
	Naikhongchhari	0.00	2.30		
	Rowangchhari	0.00	2.30		
Bandarban	Ruma	0.00	2.30		
	Thanchi	0.00	2.30		
	Amtali	0.00	2.30		
	Bamna	0.00	2.30		
	Barguna Sadar	0.00	2.30		
	Betagi	0.00	2.30		
	Patharghata	0.00	2.30		
	Agailjhara	0.00	2.30		
	Babuganj	0.00	2.30		
	Bakerganj	0.00	2.30		
	Banaripara	0.00	2.30		
	Barisal Sadar (BCC)	0.00	2.30		
	Gaurinadi	0.04	2.26		
	Hizla	0.00	2.30		
Mehendiganj	0.00	2.30			
Muladi	0.03	2.27			
Wazirpur	0.00	2.30			
Barguna	Bhola Sadar	0.00	2.30		
	Burhanuddin	0.00	2.30		
	Char Fasson	0.00	2.30		
	Daulat Khan	0.00	2.30		
	Lalmohan	0.00	2.30		
	Manpara	0.00	2.30		
	Tazumuddin	0.00	2.30		
	Adamdighi	0.00	2.30		
	Bogura Sadar	0.67	1.63		
	dhunat	1.55	0.75		
	dhupchanchia	0.00	2.30		
	gabali	1.54	0.76		
	kahaloo	0.00	2.30		
	nandigram	0.00	2.30		
sariakandi	2.01	0.29			
Barisal	Shajahanpur (Majhira) Bogra	0.54	1.76		
	sherpur	0.62	1.67		
	Shibganj Bogra	0.63	1.66		
	Sonatola	1.66	0.64		
	Akhaura	0.14	2.16		
	Ashuganj	0.04	2.26		
	Banchharampur	1.53	0.76		
	Brahmanbaria Sadar	0.33	1.96		
	Kasba	1.11	1.19		
	Nabinagar	1.00	1.29		
	Nasirnagar	0.00	2.29		
	Sarail	0.08	2.22		
	Chandpur Sadar	0.27	2.03		
	Faridganj	0.52	1.77		
Haimchar	0.06	2.23			
Bogra	Haziganj	0.75	1.55		
	Kachua Chandpur	0.96	1.33		
	Matlab Dakshin	0.75	1.55		
	Matlab Uttar (Sengarchar)	1.67	0.62		
	Shahrasti	0.95	1.34		
	Chandpur	Shahrasti	0.95	1.34	
		Chittagong	Anowara	0.00	2.30
			Banskhali	0.00	2.30
			Boalkhali	0.00	2.30
			Chandanaish	0.00	2.30
			Chattogram City (CCC)	0.00	2.30
			Fatikchhari	0.00	2.30
			Hathazari	0.00	2.30
			Lohagara Chittagong	0.00	2.30
Mirsharai (Baraiarhat)			0.00	2.30	
Patiya			0.00	2.30	
Rangunia			0.00	2.30	
Raozan			0.00	2.30	
Sandwip			0.00	2.30	
Satkania	0.00		2.30		
Chuadanga	Sitakunda	0.00	2.30		
	Alamdanga	0.76	1.54		
	Chuadanga Sadar	0.76	1.54		
	Darshana (Damurhuda)	0.76	1.54		
	Jibannagar	0.71	1.59		
	Barura	1.36	0.94		
	Brahman Para	0.99	1.31		
	Burichang	0.48	1.82		
	Chandina	1.10	1.19		
	Chaudagram	0.48	1.82		
	Cumilla Sadar (Cumilla CC)	0.23	2.07		
	Daudkandi	0.92	1.38		
	Debidwar	1.35	0.94		
	Homna	1.53	0.76		
Laksam	1.14	1.15			
Char Fasson	1.54	0.76			
Meghna	1.54	0.76			
Monoharganj	1.13	1.16			
Muradnagar	1.26	1.03			
Nangalkot	0.10	2.19			
Comilla	South Cumilla (Cumilla CC)	0.17	2.12		
	Titash	1.54	0.76		
	Chakaria	0.00	2.30		
	Cox's Bazar	Cox's Bazar Sadar	0.00	2.30	
		Kutubdia	0.00	2.30	
		Maheshkhali	0.00	2.30	
		Pekua	0.00	2.30	
		Ramu	0.00	2.30	
		Teknaf	0.00	2.30	
		Ukhia	0.00	2.30	
		Dhaka	Dhaka City (DNCC & DSCC)	0.05	2.25
			Dhamrai	0.75	1.55
			Dohar	2.07	0.22
			Keraniganj	0.74	1.56
Nawabganj Dhaka			1.02	1.28	
Savar			0.21	2.09	
Biral			0.00	2.30	
Birampur	0.00		2.30		
Birganj	0.00		2.30		
Bochaganj (Setabganj)	0.00		2.30		
Chirirbandar	0.00		2.30		
Dinajpur Sadar	0.00		2.30		
Fulbari	0.00		2.30		
Ghoraghat	0.00		2.29		
Hakimpur	0.00	2.30			
Kaharole	0.00	2.30			
Khansama	0.00	2.30			
Dinajpur	Chandpur Sadar	0.27	2.03		
	Faridganj	0.52	1.77		
	Haimchar	0.06	2.23		
	Haziganj	0.75	1.55		
	Kachua Chandpur	0.96	1.33		
	Matlab Dakshin	0.75	1.55		
	Matlab Uttar (Sengarchar)	1.67	0.62		
	Shahrasti	0.95	1.34		
	Faridpur	Nawabganj Dinajpur	0.00	2.30	
		Parbatipur	0.00	2.30	
		Faridpur	Alfadanga	1.53	0.76
			Bhanga	1.54	0.75
			Boalmari	1.54	0.76
			Char Bhadrason	2.29	0.00
Faridpur Sadar			1.83	0.47	
Madhukhali			1.50	0.80	
Nagarkanda			1.54	0.75	
Sadarpur		2.12	0.17		
Feni		Chhagalnaiya	0.00	2.30	
		Daganbhuiyan	0.40	1.90	
		Feni Sadar	0.70	1.59	
		Fulgazi	0.00	2.30	
	Parshuram	0.00	2.30		
	Sonagazi	0.30	1.99		
	Fulchhari	2.10	0.19		
Gaibandha	Gaibandha Sadar	1.00	1.29		
	Gobindaganj	0.80	1.49		
	Palashbari	1.17	1.13		
	Sadullapur	0.72	1.58		
	Saghatta	1.30	0.99		
	Sundarganj	1.16	1.13		
	Gazipur	Gazipur Sadar (GCC & Tongi)	0.00	2.30	
Katiakair		0.11	2.19		
Kaliganj Gazipur		0.00	2.30		
Kapasia		0.02	2.27		
Sreepur Gazipur		0.00	2.30		
Gopalganj Sadar		0.63	1.67		
Kashiani		0.85	1.44		
Gopalganj	Kotalipara	0.00	2.30		
	Muksudpur	0.81	1.48		
	Tungipara	0.79	1.50		
	Ajmiriganj	0.00	2.29		
	Bahubal	0.47	1.83		
	Baniachong	0.07	2.23		
	Chunarughat	0.00	2.30		
Habiganj	Habiganj Sadar & Shayestaganj	0.33	1.96		
	Lakhai	0.00	2.30		
	Madhabpur	0.01	2.29		
	Nabiganj	0.90	1.39		
	Bakshiganj	0.00	2.29		
	Dewanganj	0.71	1.58		
	Islampur	0.73	1.57		
Jamalpur	Jamalpur Sadar	0.49	1.80		
	Madarganj	1.07	1.23		
	Melandaha	0.48	1.82		
	Sarishabari	1.76	0.54		
	Abhaynagar	0.42	1.88		
	Bagherpara	1.10	1.19		
	Benapole (Sharsha)	0.77	1.53		
Jessore	Chaugachha	0.82	1.47		
	Jashore Sadar	0.92	1.38		
	Jhikargachha	0.78	1.51		
	Keshabpur	0.65	1.64		
	Manirampur	0.59	1.71		
	Jhalokati Sadar	0.00	2.30		
	Kanthatia	0.00	2.30		
Jhalokati	Nalchity	0.00	2.30		
	Rajapur	0.00	2.30		
	Harinakunda	1.06	1.23		
	Jhenaidaha Sadar	1.06	1.23		
	Kaliganj Jhenaidah	0.91	1.39		
	Kotchandpur	0.91	1.39		
	Maheshpur	0.49	1.81		
Jhenaidah	Shaikupa	0.93	1.36		



# Ecological Variables: River Flood

Index score of each growth center's ecological sensitivity and suitability considering river flood in alphabetical order

District	Growth center	Sensitivity	Suitability
Joypurhat	Akkelpur	0.03	2.26
	Joypurhat Sadar	0.10	2.19
	Kalai	0.00	2.30
	Khetlal	0.00	2.30
	Panchbibbi	0.00	2.29
Khagrachhari	Dighinala	0.00	2.30
	Khagrachhari Sadar	0.00	2.30
	Lakshmichhari	0.00	2.30
	Mahalchhari	0.00	2.30
	Manikchhari	0.00	2.30
	Matiranga	0.00	2.30
	Panchhari	0.00	2.30
	Ramgarh	0.00	2.30
Khulna	Batiaghata	0.00	2.30
	Chalna (Dacope)	0.00	2.30
	Dighalia	0.19	2.10
	Dumuria	0.14	2.16
	Khan Jahan Ali (KCC)	0.25	2.05
Kishoreganj	Khulna Sadar (KCC)	0.02	2.27
	Koyra	0.00	2.30
	Paikgachha	0.01	2.29
	Phultala	0.32	1.98
	Rupsa	0.55	1.75
	Terokhada	0.66	1.63
	Austagram	0.01	2.29
	Bajitpur	0.11	2.19
Kurigram	Bhairab	0.84	1.46
	Hossainpur	0.05	2.25
	Itna	0.00	2.29
	Karimganj	0.07	2.22
	Katiadi	0.00	2.30
	Kishoreganj Sadar	0.11	2.18
	Kuliar Char	0.02	2.27
	Mithamain	0.00	2.30
	Nikli	0.00	2.30
	Pakundia	0.00	2.30
Kushtia	Tarail	0.07	2.22
	Bhurungamari	1.29	1.01
	Char Rajibpur	2.29	0.01
	Chilmari	1.93	0.37
	Kurigram Sadar	1.85	0.44
	Nageshwari	1.74	0.55
	Phulbari	1.64	0.66
	Rajarhat	0.89	1.40
	Raumari	2.29	0.00
	Ulipur	1.51	0.79
Lalmonirhat	Bheramara	0.79	1.50
	Daulatpur Kushtia	0.77	1.52
	Khoksa	1.48	0.82
	Kumarkhali	1.26	1.03
	Kushtia Sadar	0.84	1.45
Lakshmipur	Mirpur Kushtia	0.78	1.52
	Lakshmipur Sadar	0.25	2.05
	Raipur	0.26	2.03
Lalmonirhat	Ramganj	0.76	1.54
	Ramgati	0.00	2.30
	Aditmari	0.11	2.18
	Hatibandha	0.87	1.43
Madaripur	Kaliganj Lalmonirhat	0.56	1.74
	Lalmonirhat Sadar	0.55	1.74
	Patgram	0.03	2.27
Magura	Kalkini	1.09	1.21
	Madaripur Sadar	1.31	0.98
	Rajoir	0.74	1.56
	Shib Char	1.71	0.59
Magura	Magura Sadar	0.92	1.37
	Mohammadpur	1.40	0.89
	Shalikha	1.08	1.21
Sreepur Magura	1.00	1.30	

District	Growth center	Sensitivity	Suitability
Manikganj	Daulatpur Manikganj	0.98	1.31
	Ghior	1.26	1.04
	Harirampur	1.57	0.73
	Manikganj Sadar	0.84	1.45
	Saturia	0.78	1.52
Maulvibazar	Shibalaya	1.29	1.00
	Singair	0.79	1.51
	Barlekha	0.59	1.71
	Juri	0.32	1.97
	Kamalganj	0.22	2.08
	Kulaura	0.48	1.82
	Maulvi Bazar Sadar	1.38	0.92
	Rajnagar	0.94	1.36
Meherpur	Sreemangal	0.30	1.99
	Gangni	0.76	1.54
Munshiganj	Meherpur Sadar	0.75	1.55
	Mujibnagar	0.76	1.54
	Gazaria	1.51	0.78
	Lohajang	1.22	1.07
	Munshiganj Sadar & Mirkadim	0.78	1.52
	Serajdikhan	0.93	1.36
	Sreenagar	1.39	0.90
	Tongibari	0.44	1.85
Mymensingh	Bhaluka	0.04	2.25
	Dhobaura	0.17	2.12
	Fulbaria	0.42	1.87
	Gaffargaon	0.35	1.94
	Gauripur	0.56	1.73
	Haluaghat	0.28	2.01
	Ishwarganj	0.26	2.03
	Mukttagachha	0.48	1.82
	Mymensingh Sadar (MCC)	0.35	1.95
	Nandail	0.54	1.75
Naogaon	Phulpur	0.59	1.70
	Trishal	0.46	1.84
	Atrai	0.00	2.30
	Badalgachhi	0.00	2.29
	Dhamoirhat	0.14	2.16
	Mahadebpur	0.20	2.09
	Manda	0.30	2.00
	Naogaon Sadar	0.04	2.26
	Nazipur (Patnitala)	0.06	2.24
	Niamatpur	0.00	2.29
Porsha	0.00	2.30	
Narail	Raninagar	0.00	2.30
	Sapahar	0.00	2.30
	Katia	0.99	1.30
	Lohagara Narail	1.38	0.91
	Narail Sadar	1.03	1.26
Narayanganj	Araihazar	0.58	1.72
	Bandar (NCC) & Tarabo	0.23	2.07
	Narayanganj Sadar (NCC) & Shiddhirganj	0.33	1.97
	Rupganj & Kanchan	0.00	2.30
	Sonargaon	0.22	2.07
Narsingdi	Betabo	0.29	2.01
	Ghorashal (Palash)	0.00	2.29
	Manohardi	0.42	1.87
	Narsingdi Sadar & Madhabdi	0.58	1.71
	Raypura	1.05	1.25
Shibpur	0.44	1.85	

District	Growth center	Sensitivity	Suitability
Natore	Bagati Para	0.76	1.54
	Baraigram & Banpara	1.10	1.19
	Gopalpur (Lalpur)	1.05	1.24
	Gurudasapur	1.22	1.08
	Natore Sadar & Naldanga	0.53	1.76
Nawabganj	Singra	0.21	2.08
	Bholahat	0.01	2.29
	Nachole	0.00	2.30
	Nawabganj Sadar	1.36	0.94
	Rahanpur (Gomastapur)	0.00	2.29
Netrakona	Shibganj Nawabganj	0.88	1.42
	Atpara	0.62	1.67
	Barhatta	0.58	1.72
	Durgapur Netrakona	0.05	2.25
	Kalmakanda	0.02	2.28
Nilphamari	Kendua	0.67	1.63
	Khaliajuri	0.01	2.29
	Madan	0.31	1.98
	Mohanganj	0.33	1.96
	Netrokona Sadar	0.68	1.62
Noakhali	Purbadhala	0.69	1.60
	Dimla	0.45	1.84
	Domar	0.00	2.30
	Jaldhaka	0.06	2.23
	Kishoreganj	0.01	2.28
Pabna	Nilphamari Sadar	0.00	2.30
	Saidpur	0.00	2.30
	Begumganj (Chowmuhani)	0.60	1.70
	Chatkhil	1.05	1.25
	Companiganj (Bashurhat)	0.00	2.29
Panchagarh	Noakhali	0.00	2.30
	Hatiya	0.00	2.30
	Kabirhat	0.08	2.22
	Noakhali Sadar	0.00	2.30
	Senbagh	0.42	1.87
Patuakhali	Sonaimuri	0.76	1.54
	Subarnachar	0.00	2.30
	Atgharia	1.21	1.08
	Bera	1.86	0.44
	Bhangura	0.94	1.35
Pirojpur	Chatmohar	1.35	0.95
	Faridpur	1.54	0.76
	Ishwardi	1.29	1.00
	Pabna Sadar	1.13	1.16
	Santhia	1.43	0.87
Rajbari	Sujanagar	1.69	0.60
	Atwari	0.00	2.30
	Boda	0.00	2.30
	Debiganj	0.00	2.30
	Panchagarh Sadar	0.00	2.30
Rajshahi	Tentulia	0.00	2.30
	Narayanganj Sadar (NCC) & Shiddhirganj	0.00	2.30
	Dumki	0.00	2.30
	Galachipa	0.00	2.29
	Kalapara & Kuakata	0.00	2.30
Rangamati	Mirzaganj	0.00	2.30
	Patuakhali Sadar	0.00	2.30
	Bhandaria	0.00	2.30
	Kawkhali Pirojpur	0.00	2.30
	Mathbaria	0.00	2.30
Rangpur	Morrelganj (Zianagar) Pirojpur	0.00	2.30
	Nazirpur	0.03	2.27
	Nesarabad (Swarupkati)	0.00	2.30
	Pirojpur Sadar	0.00	2.30
	Pirganj Rangpur	0.20	2.09
Rangpur Sadar (Rangpur CC)	0.00	2.30	
Taraganj	0.00	2.30	
Rangpur	Badarganj	0.00	2.30
	Gangachara	0.39	1.91
	Haragacha (Kaunia)	0.55	1.74
	Mitha Pukur	0.18	2.11
	Pirgachha	0.22	2.08
Rangamati	Rangpur Sadar	0.00	2.30
	Taraganj	0.00	2.30
	Baghai Chhari	0.00	2.30
	Barkal	0.00	2.30
	Belai Chhari	0.00	2.30
Rangamati	Jurai Chhari	0.00	2.30
	Kaptai	0.00	2.30
	Kawkhali Rangamati	0.00	2.30
	Langadu	0.00	2.30
	Naniarchar	0.00	2.30
Rangamati	Rajasthali	0.00	2.30
	Rangamati Sadar	0.00	2.30
	Badarganj	0.00	2.30
	Gangachara	0.39	1.91
	Haragacha (Kaunia)	0.55	1.74
Rangamati	Mitha Pukur	0.18	2.11
	Pirgachha	0.22	2.08
	Pirganj Rangpur	0.20	2.09
	Rangpur Sadar (Rangpur CC)	0.00	2.30
	Taraganj	0.00	2.30

District	Growth center	Sensitivity	Suitability
Rajbari	Balia Kandi	1.53	0.76
	Goalandaghat	2.29	0.00
	Pangsha	1.54	0.76
	Rajbari Sadar	1.58	0.71
	Bagha & Arani	1.31	0.99
Rajshahi	Bhabaniganj (Baghmara) & Tahirpur	0.00	2.30
	Charghat	0.92	1.37
	Durgapur Rajshahi	0.16	2.14
	Godagari & Kakanhat	0.25	2.04
	Kesharhat (Mohanpur)	0.01	2.29
Rajshahi	Shariatpur Sadar	1.30	0.99
	Zanjira	1.79	0.50
	Jhenaigati	0.15	2.15
	Nakla	0.40	1.89
	Nalitabari	0.02	2.28
Rajshahi	Sherpur Sadar	0.20	2.10
	Sreebardi	0.14	2.16
	Belkuchi	1.87	0.42
	Chauhali	2.28	0.02
	Kamarkhanda	1.54	0.76
Rajshahi	Barkal	2.04	0.26
	Royganj	1.24	1.05
	Shahjadpur	1.61	0.69
	Sirajganj Sadar	1.82	0.48
	Tarash	0.08	2.22
Rajshahi	Ullah Para	1.06	1.24
	Bishwambarpur	0.72	1.57
	Chhatak	1.18	1.12
	Derai	0.19	2.11
	Dharampasha	0.23	2.06
Rajshahi	Dowarabazar	0.45	1.84
	Jagannathpur	0.83	1.46
	Jamalganj	0.71	1.59
	South Sunamganj	1.20	1.09
	Sulla	0.16	2.13
Rajshahi	Sunamganj Sadar	0.91	1.38
	Tahirpur	0.72	1.58

District	Growth center	Sensitivity	Suitability
Sakthira	Assasuni	0.14	2.16
	Debhata	0.61	1.68
	Kalaroa	0.76	1.54
	Kaliganj Satkhira	0.10	2.19
	Satkhira Sadar	0.57	1.73
Shariatpur	Shyamnagar	0.00	2.30
	Tala	0.71	1.58
	Bhedarganj	2.20	0.09
	Damudya	1.94	0.36
	Gosairhat	0.76	1.54
Sherpur	Godagari & Kakanhat	0.25	2.04
	Naria	1.00	1.30
	Shariatpur Sadar	1.30	0.99
	Zanjira	1.79	0.50
	Jhenaigati	0.15	2.15
Sherpur	Nakla	0.40	1.89
	Nalitabari	0.02	2.28
	Sherpur Sadar	0.20	2.10
	Sreebardi	0.14	2.16
	Belkuchi	1.87	0.42
Sirajganj	Chauhali	2.28	0.02
	Kamarkhanda	1.54	0.76
	Kazipur	2.04	0.26
	Royganj	1.24	1.05
	Shahjadpur	1.61	0.69
Sirajganj	Sirajganj Sadar	1.82	0.48
	Tarash	0.08	2.22
	Ullah Para	1.06	1.24
	Bishwambarpur	0.72	1.57
	Chhatak	1.18	1.12
Sunamganj	Derai	0.19	2.11
	Dharampasha	0.23	2.06
	Dowarabazar	0.45	1.84
	Jagannathpur	0.83	1.46
	Jamalganj	0.71	1.59
Sunamganj	South Sunamganj	1.20	1.09
	Sulla	0.16	2.13
	Sunamganj Sadar	0.91	1.38
	Tahirpur	0.72	1.58

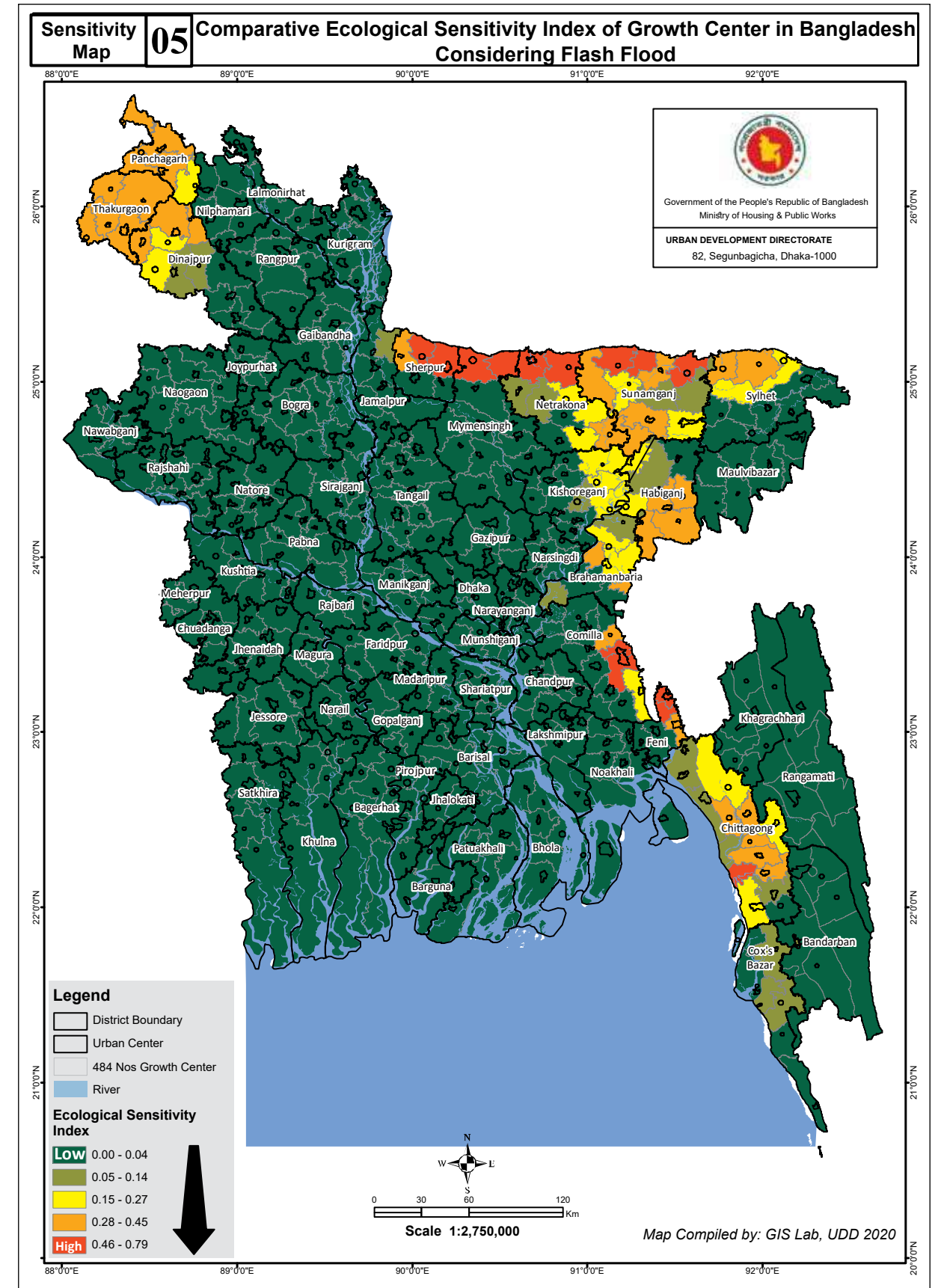
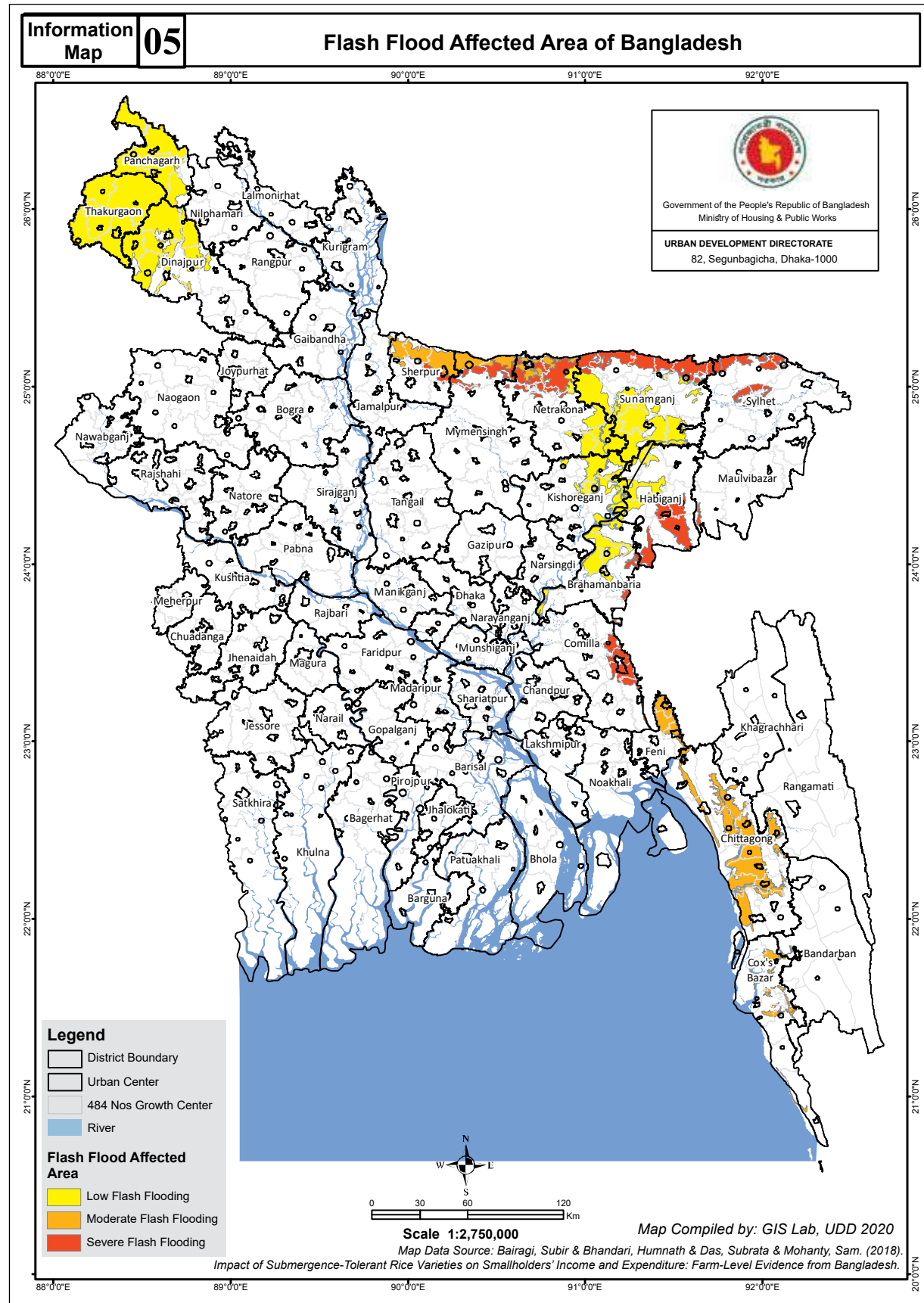
District	Growth center	Sensitivity	Suitability
Sylhet	Balaganj	1.50	0.79
	Beanibazar	1.26	1.03
	Bishwanath	1.53	0.77
	Companiganj Sylhet	0.94	1.36
	Fenchuganj	0.87	1.43
	Golabganj	1.06	1.23
	Gowainghat	0.93	1.36
	Jaintiapur	0.78	1.51
	Kanaighat	1.36	0.93
	South Surma (Sylhet CC)	1.53	0.76
Tangail	Sylhet Sadar (Sylhet CC)	0.85	1.45
	Zakiganj	1.53	0.77
	Basail	0.76	1.54
	Bhuapur	1.80	0.50
	Delduar	0.77	1.52
	Dhanbari	0.77	1.52
	Ghatail	0.32	1.98
	Gopalpur	0.86	1.44
	Kalihati	1.09	1.21
	Madhupur	0.16	2.14
Thakurgaon	Mirzapur	0.49	1.80
	Nagarpur	1.34	0.96
	Sakhipur	0.05	2.25
	Tangail Sadar	1.61	0.68
	Baliadangi	0.00	2.30
Thakurgaon	Haripur	0.00	2.30
	Pirganj Thakurgaon	0.00	2.30
	Ranisankail	0.00	2.30
	Thakurgaon Sadar	0.00	2.30

Data Compiled by GIS Lab UDD, 2020

## River Flood

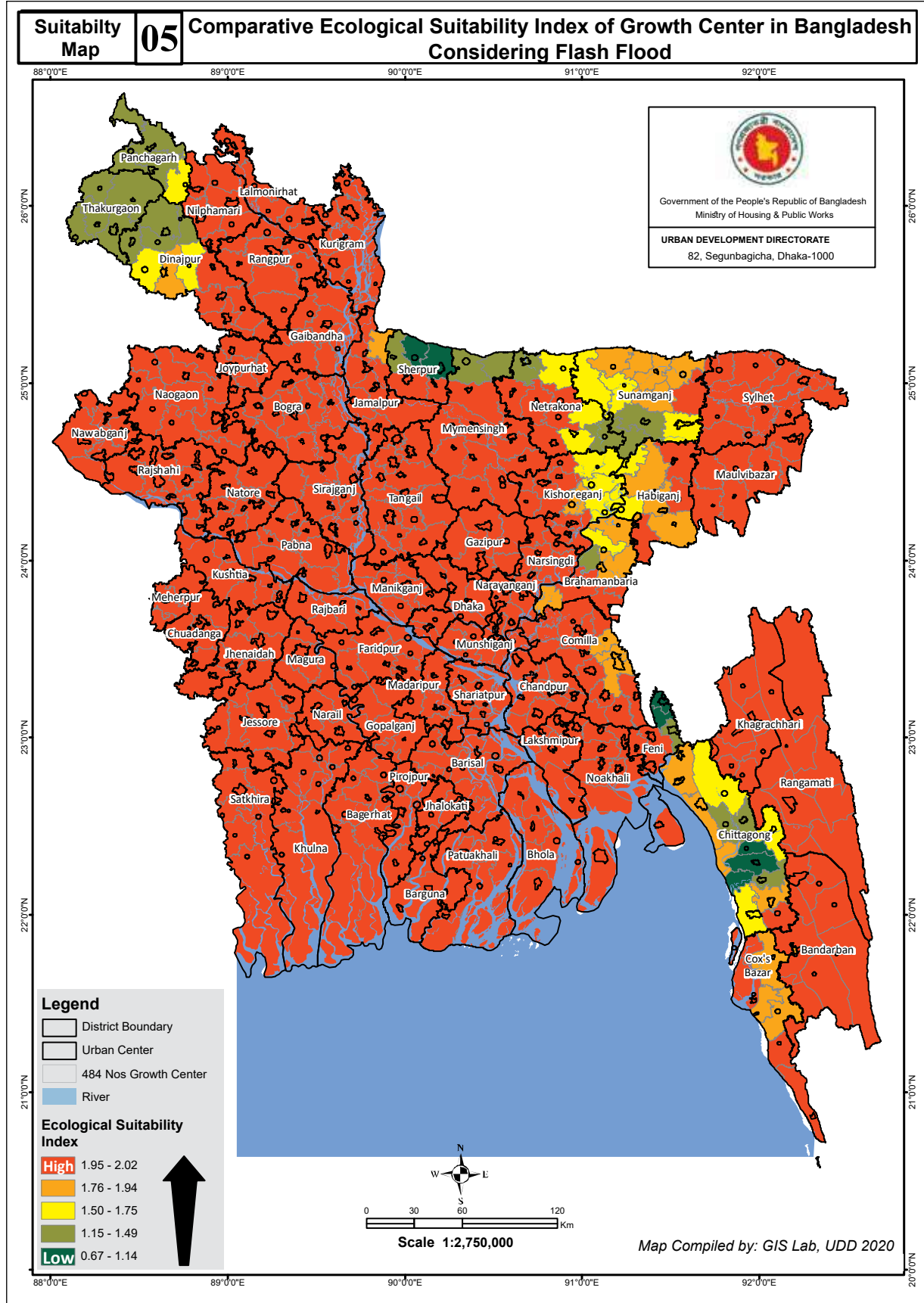
The country is located at downstream of three large river basins including the Ganges, the Brahmaputra and the Meghna river basin. Heavy rainfall in these areas causes higher flow at its river system during monsoon. Most part of low lying areas around these free massive river system, face severe river flooding each year. Different levels of flooding at different parts of the county shows that river adjacent area is affected by severe river flooding.

# Ecological Variables : Flash Flood





# Ecological Variables: Flash Flood



Index score and summary table of growth center ecological suitability considering flash flood

Suitability Chart No 05 (a): Growth Center Ecological Suitability Statistics Considering Flash Flood

Flash Flood and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Total Population 2011	(%)	Urban Population 2011	(%)	Area (SqKM)	(%)
Score: 0.67 - 1.14	Paurashava_HQ	2	352423	0.25	56833	0.17	427.77	0.29
	Upazilla_HQ	4	762157	0.53	66806	0.20	609.50	0.42
Score: 1.15 - 1.49	District_HQ	2	852934	0.60	139251	0.41	1059.30	0.73
	Paurashava_HQ	12	3174589	2.22	394242	1.17	3431.55	2.36
Score: 1.50 - 1.75	Upazilla_HQ	11	2083786	1.45	113940	0.34	2633.64	1.81
	Paurashava_HQ	6	1265907	0.88	198899	0.59	1737.52	1.19
Score: 1.75 - 1.94	Upazilla_HQ	12	2728138	1.90	226859	0.67	4148.53	2.85
	City Corporation HQ	3	4269837	2.98	3717928	10.99	557.88	0.38
	District_HQ	5	2073785	1.45	785492	2.32	1504.14	1.03
Score: 1.95 - 2.02	Paurashava_HQ	5	1947929	1.36	223022	0.66	2014.39	1.38
	Upazilla_HQ	12	2937517	2.05	205981	0.61	3398.23	2.33
	CAP	1	8747042	6.10	8747042	25.86	305.84	0.21
	City Corporation HQ	11	7583350	5.29	3908735	11.56	2252.98	1.55
	District_HQ	46	18046729	12.59	4761741	14.08	15125.99	10.39
Paurashava_HQ	213	61048606	42.60	8465840	25.03	66307.97	45.56	
Upazilla_HQ	139	25447005	17.76	1806613	5.34	40032.08	27.50	
<b>Total</b>		<b>484</b>	<b>143321734</b>	<b>100</b>	<b>33819224</b>	<b>100</b>	<b>145547.31</b>	<b>100</b>

Data Compiled by GIS Lab UDD, 2020

Suitability Chart No 05 (b): Growth Center Ecological Suitability Statistics Considering Flash Flood

Flash Flood and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 0.67 - 1.14	Paurashava_HQ	2	Nalitabari, Parshuram
	Upazilla_HQ	4	Anowara, Boalkhali, Fulgazi, Jhenaigati
Score: 1.15 - 1.49	District_HQ	2	Panchagarh Sadar, Thakurgaon Sadar
	Paurashava_HQ	12	Birganj, Bochaganj (Setabganj), Boda, Chandanaish, Chhagalnaiya, Derai, Durgapur Netrakona, Patiya, Pirganj Thakurgaon, Ranisankail, Raozan, Sreebardi
Score: 1.50 - 1.75	Upazilla_HQ	11	Ashuganj, Atwari, Baliadangi, Dhobaura, Haluaghat, Haripur, Hathazari, Khaliajuri, Khansama, Sulla, Tentulia
	Paurashava_HQ	6	Ajmiriganj, Banshkhal, Jagannathpur, Madan, Mohanganj, Rangunia
Score: 1.75 - 1.94	Upazilla_HQ	12	Austagram, Biral, Debiganj, Dharampasha, Fatikchhari, Itna, Jamalganj, Kaharole, Kalmakanda, Lakhai, Mithamain, Sarail
	City Corporation HQ	3	Chattogram City (CCC), Cumilla Sadar (Cumilla CC), South Cumilla (Cumilla CC)
	District_HQ	5	Brahmanbaria Sadar, Cox's Bazar Sadar, Dinajpur Sadar, Habiganj Sadar & Shayestaganj, Sunamganj Sadar
	Paurashava_HQ	5	Chakaria, Chunarughat, Mirsharai (Baraiarhat), Satkania, Sitakunda
Upazilla_HQ	12	Bakshiganj, Banchhampur, Baniachong, Bishwambarpur, Burichang, Chirirbandar, Dowarabazar, Nasirnagar, Nikli, Ramu, South Sunamganj, Tahirpur	

# Ecological Variables : Flash Flood

Suitability Chart No 05 (b): Growth Center Ecological Suitability Statistics Considering Flash Flood			
Flash Flood and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 1.95 - 2.02	CAP	1	Dhaka City (DNCC & DSCC)
	City Corporation HQ	11	Bandar (NCC) & Tarabo, Barisal Sadar (BCC), Gazipur Sadar (GCC & Tongi), Khan Jahan Ali (KCC), Khulna Sadar (KCC), Mymensingh Sadar (MCC), Narayanganj Sadar (NCC) & Shiddhirganj, Rajshahi Sadar (RCC), Rangpur Sadar (Rangpur CC), South Surma (Sylhet CC), Sylhet Sadar (Sylhet CC)
	District_HQ	46	Bagerhat Sadar, Bandarban Sadar, Barguna Sadar, Bhola Sadar, Bogura Sadar, Chandpur Sadar, Chuadanga Sadar, Faridpur Sadar, Feni Sadar, Gaibandha Sadar, Gopalganj Sadar, Jamalpur Sadar, Jashore Sadar, Jhalokati Sadar, Jhenaidaha Sadar, Joypurhat Sadar, Khagrachhari Sadar, Kishoreganj Sadar, Kurigram Sadar, Kushtia Sadar, Lakshimpur Sadar, Lalmonirhat Sadar, Madaripur Sadar, Magura Sadar, Manikganj Sadar, Maulvi Bazar Sadar, Meherpur Sadar, Munshiganj Sadar & Mirkadim, Naogaon Sadar, Narail Sadar, Narsingdi Sadar & Madhabdi, Natore Sadar & Naldanga, Nawabganj Sadar, Netrokona Sadar, Nilphamari Sadar, Noakhali Sadar, Pabna Sadar, Patuakhali Sadar, Pirojpur Sadar, Rajbari Sadar, Rangamati Sadar, Satkhira Sadar, Shariatpur Sadar, Sherpur Sadar, Sirajganj Sadar, Tangail Sadar
	Paurashava_HQ	213	Abhaynagar, Adamdighi, Akhaura, Akkelpur, Alamdanga, Amtali, Atgharia, Badarganj, Bagati Para, Bagha & Arani, Baghai Chhari, Bagherpara, Bajitpur, Bakerganj, Banaripara, Baraigram & Banpara, Barlekha, Barura, Bauphal, Beanibazar, Begumganj (Chowmuhani), Belkuchi, Benapole (Sharsha), Bera, Betagi, Bhabaniganj (Baghmara) & Tahirpur, Bhairab, Bhaluka, Bhanga, Bhangura, Bhedarganj, Bheramara, Bhuapur, Birampur, Boalmari, Burhanuddin, Chalna (Dacope), Chandina, Char Fasson, Charghat, Chatkhil, Chatmohar, Chaudhagram, Chaugachha, Chhatak, Companiganj (Bashurhat) Noakhali, Daganbhuiyan, Damudya, Darshana (Damurhuda), Daudkandi, Daulat Khan, Debidwar, Dewanganj, Dhamoirhat, Dhamrai, Dhanbari, dhunat, dhupchanchia, Dohar, Domar, Durgapur Rajshahi, Faridganj, Faridpur, Fulbari, Fulbaria, gabtali, Gaffargaon, Galachipa, Gangni, Gauripur, Gaurinadi, Ghatail, Ghoraghat, Ghorashal (Palash), Goalandaghat, Gobindaganj, Godagari & Kakanhat, Golabganj, Gopalpur, Gopalpur (Lalpur), Gurudaspur, Hakimpur, Haragacha (Kaunia), Harinakunda, Hatiya, Haziganj, Homna, Hossainpur, Ishwardi, Ishwarganj, Islampur, Jaldhaka, Jhikargachha, Jibannagar, Kabirhat, Kachua Chandpur, kahaloo, Kalai, Kalapara & Kuakata, Kalaroa, Kalia, Kaliakair, Kaliganj Gazipur, Kaliganj Jhenaidah, Kalihati, Kalkini, Kamalganj, Kanaighat, Karimganj, Kasba, Katiadi, Kazipur, Kendua, Keshabpur, Kesharhat (Mohanpur), Khoksa, Kotalipara, Kotchandpur, Kultura, Kuliari Char, Kumarkhali, Laksam, Lalmoan, Lama, Lohagara Narail, Madarganj, Madhabpur, Madhubar, Mahadebpur, Maheshkhali, Maheshpur, Manirampur, Manohardi, Mathbaria, Matiranga, Matlab Dakshin, Matlab Uttar (Sengarchar), Mehendiganj, Melandaha, Mirpur Kushtia, Mirzapur, Mongla, Morrelganj Bagerhat, Mukshudpur, Muktagachha, Muladi, Nabiganj, Nabinagar, Nachole, Nagarkanda, Nageshwari, Nakla, Nalchity, Nandail, nandigram, Nangalkot, Naria, Nazipur (Patnitala), Nesarabad (Swarupkati), Paikgachha, Pakundia, Panchbibi, Pangsha, Parbatipur, Patgram, Patharghata, Phulpur, Poba & Katakali & Noahata, Purbadhala, Puthia, Rahanpur (Gomastapur), Raipur, Ramganj, Ramgarh, Ramgati, Raypura, Royganj, Ruppenj & Kanchan, Saidpur, Sakhipur, Sandwip, Santhia, sariakandi, Sarishabari, Savar, Senbagh, Shahjadpur, Shahrasti, Shaikupa, Shalikhia, sherpur, Shib Char, Shibganj Bogra, Shibganj Nawabganj, Shibpur, Singair, Singra, Sonagazi, Sonaimuri, Sonargaon, Sonatola, Sreemangal, Sreepur Gazipur, Sujanagar, Sundarganj, Tanore & mundumala, Teknaf, Trishal, Tungipara, Ulipur, Ullah Para, Zakiganj, Zanjira
Upazilla_HQ	139	Aditmari, Agailjhara, Alfadanga, Alikadam, Araihasar, Assasuni, Atpara, Atrai, Babuganj, Badalgachhi, Bahubal, Balaganj, Balia Kandi, Bamna, Barhatta, Barkal, Basail, Batiaghata, Belabo, Belai Chhari, Bhandaria, Bholahat, Bhurungamari, Bishwanath, Brahman Para, Char Bhadransar, Char Rajibpur, Chauhali, Chilmar, Chitalmari, Companiganj Sylhet, Dashmina, Daulatpur Kushtia, Daulatpur Manikganj, Debhata, Delduar, Dighalia, Dighinala, Dimla, Dumki, Dumuria, Fakirhat, Fenchuganj, Fulchhari, Gangachara, Gazaria, Ghior, Gosairhat, Gowainghat, Haimchar, Harirampur, Hatibandha, Hizla, Jaintiapur, Jurai Chhari, Juri, Kachua Bagerhat, Kaliganj Lalmonirhat, Kaliganj Satkhira, Kamarkhanda, Kanthalia, Kapasia, Kaptai, Kashiani, Kawkhali Pirojpur, Kawkhali Rangamati, Keraniganj, Khetlal, Kishoreganj, Koyra, Kutubdia, Lakshminchari, Langadu, Lohagara Chittagong, Lohajang, Madhukhali, Mahalchhari, Manda, Manikchhari, Manpara, Meghna, Mirzaganj, Mitha Pukur, Mohammadpur, Mollahat, Monoharganj, Morrelganj (Zianagar) Pirojpur, Mujibnagar, Muradnagar, Nagarpur, Naikhongchhari, Naniarchar, Nawabganj Dhaka, Nawabganj Dinajpur, Nazirpur, Niamatpur, Palashbari, Panchhari, Pekua, Phulbari, Phultala, Pargachha, Pirganj Rangpur, Porsha, Rajapur, Rajarhat, Rajasthali, Rajnagar, Rajoir, Rampal, Raninagar, Raumari, Rowangchhari, Ruma, Rupsa, Sadarpur, Sadullapur, Saghatta, Sapahar, Sarankhola, Sauria, Serajdikhan, Shajahanpur (Majhira) Bogra, Shibbalaya, Shyamnagar, Sreenagar, Sreepur Magura, Subarnachar, Tala, Taraganj, Tarail, Tarash, Tazumuddin, Terokhada, Thanchi, Titash, Tongibari, Ukhia, Wazirpur	

Data Compiled by GIS Lab UDD, 2020

Index score of each growth center's ecological sensitivity and suitability considering flash flood in alphabetical order

District	Growth center	Sensitivity	Suitability	District	Growth center	Sensitivity	Suitability	District	Growth center	Sensitivity	Suitability		
Bagerhat	Bagerhat Sadar	0.00	2.03	Chittagong	Anowara	1.12	0.90	Faridpur	Nawabganj	0.00	2.03		
	Chitalmari	0.00	2.03		Banskhali	0.49	1.54		Parbatipur	0.05	1.97		
	Fakirhat	0.00	2.03		Boalkhali	0.92	1.11		Alfadanga	0.00	2.03		
	Kachua Bagerhat	0.00	2.03		Chandanaish	0.70	1.33		Bhanga	0.00	2.03		
	Mollahat	0.00	2.03		Chattogram City (CCC)	0.21	1.81		Boalmari	0.00	2.03		
	Mongla	0.00	2.03		Fatikchhari	0.32	1.70		Char Bhadransar	0.00	2.03		
	Morrelganj Bagerhat	0.00	2.03		Hathazari	0.74	1.29		Faridpur Sadar	0.00	2.03		
	Rampal	0.00	2.03		Lohagara Chittagong	0.00	2.03		Madhukhali	0.00	2.03		
	Sarankhola	0.00	2.03		Mirsharai (Baraiarhat)	0.22	1.81		Nagarkanda	0.00	2.03		
	Alikadam	0.00	2.03		Patiya	0.88	1.14		Sadarpur	0.00	2.03		
	Bandarban Sadar	0.00	2.03		Rangunia	0.48	1.54		Feni	Chhagalnaiya	0.76	1.27	
Lama	0.02	2.01	Raozan	0.85	1.17	Daganbhuiyan	0.00	2.03					
Naikhongchhari	0.00	2.02	Sandwip	0.00	2.03	Feni Sadar	0.01	2.02					
Rowangchhari	0.00	2.03	Satkania	0.21	1.82	Fulgazi	1.35	0.68					
Ruma	0.00	2.03	Sitakunda	0.23	1.80	Sonagazi	0.00	2.03					
Thanchi	0.00	2.03	Alamdanga	0.00	2.03	Fulchhari	0.00	2.03					
Amtali	0.00	2.03	Chuadanga Sadar	0.00	2.03	Gaibandha Sadar	0.00	2.03					
Bamna	0.00	2.03	Darshana (Damurhuda)	0.00	2.03	Gobindaganj	0.00	2.03					
Barguna Sadar	0.00	2.03	Jibannagar	0.00	2.03	Palashbari	0.00	2.03					
Betagi	0.00	2.03	Barura	0.00	2.02	Sadullapur	0.00	2.03					
Patharghata	0.00	2.03	Brahman Para	0.05	2.02	Saghatta	0.00	2.03					
Agailjhara	0.00	2.03	Burichang	0.86	1.94	Sundarganj	0.00	2.03					
Babuganj	0.00	2.03	Chandina	0.00	2.03	Gazipur	Gazipur Sadar (GCC & Tongi)	0.00	2.03				
Bakerganj	0.00	2.03	Chaudhagram	0.42	1.98		Kaliakair	0.00	2.03				
Banaripara	0.00	2.03	Cumilla Sadar (Cumilla CC)	1.49	1.88		Kaliganj Gazipur	0.00	2.03				
Barisal Sadar (BCC)	0.00	2.03	Daudkandi	0.00	2.03		Kapasia	0.00	2.03				
Gaurinadi	0.00	2.03	Debidwar	0.00	2.03		Sreepur Gazipur	0.00	2.03				
Hizla	0.00	2.03	Homna	0.00	2.03		Gopalganj Sadar	0.00	2.03				
Mehendiganj	0.00	2.03	Laksam	0.00	2.03		Kashiani	0.00	2.03				
Muladi	0.00	2.03	Meghna	0.00	2.03		Kotalipara	0.00	2.03				
Wazirpur	0.00	2.03	Monoharganj	0.00	2.03		Muksudpur	0.00	2.03				
Bhola Sadar	0.00	2.03	Muradnagar	0.00	2.03		Tungipara	0.00	2.03				
Burhanuddin	0.00	2.03	Nangalkot	0.00	2.03		Gopalganj	Ajmiriganj	0.35	1.68			
Char Fasson	0.00	2.03	South Cumilla (Cumilla CC)	0.98	1.93	Bahubal		0.68	1.96				
Daulat Khan	0.00	2.03	Titash	0.00	2.03	Baniachong		0.25	1.77				
Lalmohan	0.00	2.03	Chakaria	0.21	1.82	Chunarughat		0.88	1.94				
Manpara	0.00	2.03	Cox's Bazar Sadar	0.18	1.85	Habiganj Sadar & Shayestaganj		0.77	1.87				
Tazumuddin	0.00	2.03	Kutubdia	0.00	2.03	Lakhai		0.34	1.69				
Adamdighi	0.00	2.03	Maheshkhali	0.02	2.00	Madhabpur		0.71	1.95				
Bogura Sadar	0.00	2.03	Pekua	0.04	1.99	Nabiganj		0.00	2.02				
dhunat	0.00	2.03	Ramu	0.16	1.87	Bakshiganj		0.17	1.85				
dhupchanchia	0.00	2.03	Teknaf	0.04	1.98	Dewanganj		0.00	2.03				
gabtali	0.00	2.03	Shibganj Bogra	0.01	2.02	Islampur		0.00	2.03				
kahaloo	0.00	2.03	Sonatola	0.00	2.03	Jamalpur Sadar	0.00	2.03					
nandigram	0.00	2.03	Akhaura	0.56	1.97	Madarganj	0.00	2.03					
sariakandi	0.00	2.03	Ashuganj	0.57	1.46	Melandaha	0.00	2.03					
Shajahanpur (Majhira) Bogra	0.00	2.03	Banchharampur	0.11	1.91	Sarishabari	0.00	2.03					
sherpur	0.00	2.03	Brahmanbaria Sadar	0.33	1.88	Abhaynagar	0.00	2.03					
Shibganj Bogra	0.00	2.03	Kasba	0.09	2.02	Bagherpara	0.00	2.03					
Sonatola	0.00	2.03	Nabinagar	0.02	2.01	Benapole (Sharsha)	0.00	2.03					
Akhaura	0.56	1.97	Nasirnagar	0.23	1.79	Chaugachha	0.00	2.03					
Ashuganj	0.57	1.46	Sarail	0.51	1.51	Jashore Sadar	0.00	2.03					
Banchharampur	0.11	1.91	Chandpur Sadar	0.00	2.03	Jhikargachha	0.00	2.03					
Brahmanbaria Sadar	0.33	1.88	Faridganj	0.00	2.03	Keshabpur	0.00	2.03					
Kasba	0.09	2.02	Haimchar	0.00	2.03	Manirampur	0.00	2.03					
Nabinagar	0.02	2.01	Haziganj	0.00	2.03	Jessore	Jhalokati Sadar	0.00	2.03				
Nasirnagar	0.23	1.79	Kachua Chandpur	0.00	2.03		Kanthatia	0.00	2.03				
Sarail	0.51	1.51	Matlab Dakshin	0.00	2.03		Nalchity	0.00	2.03				
Chandpur Sadar	0.00	2.03	Matlab Uttar (Sengarchar)	0.00	2.02		Rajapur	0.00	2.03				
Faridganj	0.00	2.03	Shahrasti	0.00	2.03		Harinakunda	0.00	2.03				
Haimchar	0.00	2.03	Dinajpur	Biral	0.43		1.59	Jhenaidaha Sadar	0.00	2.03			
Haziganj	0.00	2.03		Birampur	0.00		2.03	Kaliganj Jhenaidah	0.00	2.03			
Kachua Chandpur	0.00	2.03		Birganj	0.61		1.42	Kotchandpur	0.00	2.03			
Matlab Dakshin	0.00	2.03		Bochaganj (Setabganj)	0.61		1.42	Maheshpur	0.00	2.03			
Matlab Uttar (Sengarchar)	0.00	2.02		Chirirbandar	0.28		1.75	Shaikupa	0.00	2.03			
Shahrasti	0.00	2.03		Dinajpur Sadar	0.14		1.89	Jhenaidah	Jhalokati Sadar	0.00	2.03		
Chandpur	Fulgari	0.00		2.03	Hakimpur	0.00	2.03		Kanthatia	0.00	2.03		
	Matlab Dakshin	0.00		2.03	Kaharole	0.54	1.49		Nalchity	0.00	2.03		
	Matlab Uttar (Sengarchar)	0.00		2.02	Khansama	0.60	1.42		Rajapur	0.00	2.03		
	Shahrasti	0.00		2.03	Faridpur	Chattogram City (CCC)	0.21		1.81	Harinakunda	0.00	2.03	
	Brahmanbaria	Fatikchhari		0.32		1.70	Jhenaidaha Sadar		0.00	2.03	Kaliganj Jhenaidah	0.00	2.03
		Hathazari	0.74	1.29		Kotchandpur	0.00		2.03	Kotchandpur	0.00	2.03	
		Lohagara Chittagong	0.00	2.03		Madhukhali	0.00		2.03	Maheshpur	0.00	2.03	
		Mirsharai (Baraiarhat)	0.22	1.81		Nagarkanda	0.00		2.03	Shaikupa	0.00	2.03	
		Patiya	0.88	1.14		Sadarpur	0.00		2.03	Jhalokati	Jhalokati Sadar	0.00	2.03
		Rangunia	0.48	1.54		Sundarganj	0.00		2.03		Kanthatia	0.00	2.03
		Raozan	0.85	1.17		Cox's Bazar	Chattogram City (CCC)	0.21	1.81		Nalchity	0.00	2.03
Sandwip		0.00	2.03	Cox's Bazar Sadar			0.18	1.85	Rajapur		0.00	2.03	
Satkania		0.21	1.82	Kutubdia			0.00	2.03	Harinakunda		0.00	2.03	
Sitakunda		0.23	1.80	Maheshkhali			0.02	2.00	Jhenaidaha Sadar		0.00	2.03	
Alamdanga		0.00	2.03	Pekua	0.04		1.99	Kaliganj Jhenaidah	0.00		2.03		
Chuadanga Sadar	0.00	2.03	Ramu	0.16	1.87		Kotchandpur	0.00	2.03				
Darshana (Damurhuda)	0.00	2.03	Teknaf	0.04	1.98		Maheshpur	0.00	2.03				
Jibannagar	0.00	2.03	Shibganj Bogra	0.01	2.02		Shaikupa	0.00	2.03				
Barura	0.00	2.02	Sonatola	0.00	2.03		Jhenaidah	Jhalokati Sadar	0.00		2.03		
Brahman Para	0.05	2.02	Akhaura	0.56	1.97			Kanthatia	0.00	2.03			
Burichang	0.86	1.94	Ashuganj	0.57	1.46			Nalchity	0.00	2.03			
Chandina	0.00	2.03	Banchharampur	0.11	1.91	Rajapur		0.00	2.03				
Chaudhagram	0.42	1.98	Brahmanbaria Sadar	0.33	1.88	Harinakunda		0.00	2.03				
Cumilla Sadar (Cumilla CC)	1.49	1.88	Kasba	0.09	2.02	Jhenaidaha Sadar		0.00	2.03				
Daudkandi	0.00	2.03	Nabinagar	0.02	2.01	Kaliganj Jhenaidah		0.00	2.03				
Debidwar	0.00	2.03	Nasirnagar	0.23	1.79	Kotchandpur		0.00	2.03				
Homna	0.00	2.03	Sarail	0.51	1.51	Maheshpur		0.00	2.03				
Laksam	0.00	2.03	Chandpur Sadar	0.00	2.03	Shaikupa		0.00	2.03				
Meghna	0.00	2.03	Faridganj	0.00	2.03	Jhenaidah		Jhalokati Sadar	0.00	2.03			
Monoharganj	0.00	2.03	Haimchar	0.00	2.03		Kanthatia	0.00	2.03				
Muradnagar	0.00	2.03	Haziganj	0.00	2.03		Nalchity	0.00	2.03				
Nangalkot	0.00	2.03	Kachua Chandpur	0.00	2.03		Rajapur	0.00	2.03				
South Cumilla (Cumilla CC)	0.98	1.93	Matlab Dakshin	0.00	2.03		Harinakunda	0.00	2.03				



# Ecological Variables: Flash Flood

Index score of each growth center's ecological sensitivity and suitability considering flash flood in alphabetical order

District	Growth center	Sensitivity	Suitability
Joypurhat	Akkelpur	0.00	2.03
	Joypurhat Sadar	0.00	2.03
	Kalai	0.00	2.03
	Khetlal	0.00	2.03
	Panchbibi	0.00	2.03
Khagrachhari	Dighinala	0.00	2.03
	Khagrachhari Sadar	0.00	2.03
	Lakshmichhari	0.00	2.02
	Mahalchhari	0.00	2.03
	Manikchhari	0.00	2.03
	Matiranga	0.00	2.03
	Panchhari	0.00	2.03
	Ramgarh	0.00	2.03
	Batiaghata	0.00	2.03
	Chalna (Dacope)	0.00	2.03
Khulna	Dighalia	0.00	2.03
	Dumuria	0.00	2.03
	Khan Jahan Ali (KCC)	0.00	2.03
	Khulna Sadar (KCC)	0.00	2.03
	Koyra	0.00	2.03
	Paikgachha	0.00	2.03
	Phultala	0.00	2.03
	Rupsa	0.00	2.03
	Terokhada	0.00	2.03
	Kishoreganj	Austagram	0.31
Bajitpur		0.00	2.03
Bhairab		0.00	2.02
Hossainpur		0.00	2.03
Itna		0.45	1.58
Karimganj		0.06	1.97
Katiadi		0.00	2.03
Kishoreganj Sadar		0.00	2.03
Kuliar Char		0.00	2.03
Mithamain		0.42	1.61
Nikli		0.16	1.86
Pakundia		0.00	2.03
Tarail		0.08	1.95
Kurigram	Bhurungamari	0.00	2.03
	Char Rajibpur	0.00	2.03
	Chilmari	0.00	2.03
	Kurigram Sadar	0.00	2.03
	Nageshwari	0.00	2.03
	Phulbari	0.00	2.03
	Rajarhat	0.00	2.03
	Raumari	0.00	2.03
	Ulipur	0.00	2.03
	Bheramara	0.00	2.03
Kushtia	Daulatpur Kushtia	0.00	2.03
	Khoksa	0.00	2.03
	Kumarkhali	0.00	2.03
	Kushtia Sadar	0.00	2.03
	Mirpur Kushtia	0.00	2.03
Lakshmipur	Lakshmipur Sadar	0.00	2.03
	Raipur	0.00	2.03
	Ramganj	0.00	2.03
Lalmonirhat	Ramgati	0.00	2.03
	Aditmari	0.00	2.03
	Hatibandha	0.00	2.03
Lalmonirhat	Kaliganj	0.00	2.03
	Lalmonirhat	0.00	2.03
	Lalmonirhat Sadar	0.00	2.03
	Patgram	0.00	2.03
Madaripur	Kalkini	0.00	2.03
	Madaripur Sadar	0.00	2.03
	Rajoir	0.00	2.03
	Shib Char	0.00	2.03
Magura	Magura Sadar	0.00	2.03
	Mohammadpur	0.00	2.03
	Shalikha	0.00	2.03
	Sreepur Magura	0.00	2.03

District	Growth center	Sensitivity	Suitability
Manikganj	Daulatpur	0.00	2.03
	Manikganj	0.00	2.03
	Ghior	0.00	2.03
	Harirampur	0.00	2.03
	Manikganj Sadar	0.00	2.03
Maulvibazar	Saturia	0.00	2.03
	Shibalaya	0.00	2.03
	Singair	0.00	2.03
	Barlekha	0.00	2.03
	Juri	0.00	2.03
	Kamalganj	0.00	2.03
	Kulaura	0.00	2.03
	Maulvi Bazar Sadar	0.00	2.03
	Rajnagar	0.00	2.03
	Sreemangal	0.09	2.02
Meherpur	Gangni	0.00	2.03
	Meherpur Sadar	0.00	2.03
Munshiganj	Mujibnagar	0.00	2.03
	Gazaria	0.00	2.02
	Lohajang	0.00	2.03
	Munshiganj Sadar & Mirkadim	0.00	2.03
	Serajdikhan	0.00	2.03
	Sreenagar	0.00	2.03
	Tongibari	0.00	2.03
	Bhaluka	0.00	2.03
	Dhobaura	1.32	1.46
	Fulbaria	0.00	2.03
Mymensingh	Gaffargaon	0.00	2.03
	Gauripur	0.00	2.03
	Haluaghat	1.01	1.44
	Ishwarganj	0.00	2.03
	Mukttagachha	0.00	2.03
	Mymensingh Sadar (MCC)	0.00	2.03
	Nandail	0.00	2.02
	Phulpur	0.04	2.02
	Trishal	0.00	2.03
	Atrai	0.00	2.03
	Badalgachhi	0.00	2.03
	Dhamoirhat	0.00	2.03
	Mahadebpur	0.00	2.03
Manda	0.00	2.03	
Naogaon Sadar	0.00	2.03	
Nazipur (Patnitala)	0.00	2.03	
Niamatpur	0.00	2.03	
Porsha	0.00	2.03	
Raninagar	0.00	2.03	
Sapahar	0.00	2.03	
Narail	Katia	0.00	2.03
	Lohagara Narail	0.00	2.03
	Narail Sadar	0.00	2.03
Narayanganj	Araihazar	0.00	2.02
	Bandar (NCC) & Tarabo	0.00	2.03
	Narayanganj Sadar (NCC) & Shiddhirganj	0.00	2.03
	Rupganj & Kanchan	0.00	2.03
	Sonargaon	0.00	2.03
	Betabo	0.00	2.03
	Ghorashal (Palash)	0.00	2.03
	Manohardi	0.00	2.03
	Narsingdi Sadar & Madhabdi	0.00	2.02
	Raypura	0.00	2.02
Shibpur	0.00	2.03	

District	Growth center	Sensitivity	Suitability
Natore	Bagati Para	0.00	2.03
	Baraigram & Banpara	0.00	2.03
	Gopalpur (Lalpur)	0.00	2.03
	Gurudasapur	0.00	2.03
	Natore Sadar & Naldanga	0.00	2.03
Nawabganj	Singra	0.00	2.03
	Bholahat	0.00	2.03
	Nachole	0.00	2.03
	Nawabganj Sadar	0.00	2.03
	Rahanpur (Gomastapur)	0.00	2.03
Netrakona	Shibganj Nawabganj	0.00	2.03
	Atpara	0.01	2.01
	Barhatta	0.32	1.95
	Durgapur Netrakona	1.57	1.26
	Kalmakanda	1.61	1.53
	Kendua	0.00	2.03
	Khaliajuri	0.66	1.37
	Madan	0.34	1.69
	Mohanganj	0.34	1.68
	Netrokona Sadar	0.20	2.00
Nilphamari	Purbadhala	0.17	2.01
	Dimla	0.00	2.03
	Domar	0.00	2.03
	Jaldhaka	0.00	2.03
	Kishoreganj	0.00	2.03
	Nilphamari Sadar	0.03	1.99
	Saidpur	0.00	2.02
	Begumganj (Chowmuhani)	0.00	2.03
	Chatkhil	0.00	2.03
	Companiganj (Bashurhat)	0.00	2.03
Noakhali	Noakhali	0.00	2.03
	Hatiya	0.00	2.03
	Kabirhat	0.00	2.03
	Noakhali Sadar	0.00	2.03
	Senbagh	0.00	2.03
	Sonaimuri	0.00	2.03
	Subarnachar	0.00	2.03
	Atgharia	0.00	2.03
	Bera	0.00	2.03
	Bhangura	0.00	2.03
Chatmohar	0.00	2.03	
Pabna	Faridpur	0.00	2.03
	Ishwardi	0.00	2.03
	Pabna Sadar	0.00	2.03
	Santhia	0.00	2.03
	Sujanagar	0.00	2.03
	Atwari	0.67	1.36
	Boda	0.63	1.40
	Debiganj	0.32	1.70
	Panchagarh Sadar	0.67	1.36
	Tentulia	0.67	1.36
Patuakhali	Narayanganj Sadar (NCC) & Shiddhirganj	0.00	2.03
	Bauphal	0.00	2.03
	Dashmina	0.00	2.03
	Dumki	0.00	2.03
	Galachipa	0.00	2.03
	Kalapara & Kuakata	0.00	2.03
	Mirzaganj	0.00	2.03
	Patuakhali Sadar	0.00	2.03
	Bhandaria	0.00	2.03
	Kawkhali Pirojpur	0.00	2.03
Pirojpur	Mathbaria	0.00	2.03
	Morrelganj (Zianagar) Pirojpur	0.00	2.03
	Nazirpur	0.00	2.03
	Nesarabad (Swarupkati)	0.00	2.03
	Pirojpur Sadar	0.00	2.03

Index score of each growth center's ecological sensitivity and suitability considering flash flood in alphabetical order

District	Growth center	Sensitivity	Suitability
Rajbari	Balia Kandi	0.00	2.03
	Goalandaghat	0.00	2.03
	Pangsha	0.00	2.03
	Rajbari Sadar	0.00	2.03
	Bagha & Arani	0.00	2.03
Rajshahi	Bhabaniganj (Baghmara) & Tahirpur	0.00	2.03
	Charghat	0.00	2.03
	Durgapur Rajshahi	0.00	2.03
	Godagari & Kakanhat	0.00	2.03
	Kesharhat (Mohanpur)	0.00	2.03
	Poba & Katakhal & Noahata	0.00	2.03
	Puthia	0.00	2.03
	Rajshahi Sadar (RCC)	0.00	2.03
	Tanore & mundumala	0.00	2.03
	Rajshahi Sadar (RCC)	0.00	2.03
Rangamati	Baghai Chhari	0.00	2.03
	Barkal	0.00	2.03
	Belai Chhari	0.00	2.03
	Jurai Chhari	0.00	2.03
	Kaptai	0.00	2.03
	Kawkhali Rangamati	0.01	2.02
	Langadu	0.00	2.03
	Naniarchar	0.00	2.03
	Rajasthali	0.00	2.03
	Rangamati Sadar	0.00	2.03
Rangpur	Badarganj	0.00	2.03
	Gangachara	0.00	2.03
	Haragacha (Kaunia)	0.00	2.03
	Mitha Pukur	0.00	2.03
	Pirgachha	0.00	2.03
	Pirganj Rangpur	0.00	2.03
	Rangpur Sadar (Rangpur CC)	0.00	2.03
	Taraganj	0.00	2.03

District	Growth center	Sensitivity	Suitability
Satkhira	Assasuni	0.00	2.03
	Debhata	0.00	2.03
	Kalaroa	0.00	2.03
	Kaliganj Satkhira	0.00	2.03
	Satkhira Sadar	0.00	2.03
	Shyamnagar	0.00	2.03
	Tala	0.00	2.03
	Bhedarganj	0.00	2.03
	Damudya	0.00	2.03
	Gosairhat	0.00	2.03
Shariatpur	Godagari & Kakanhat	0.00	2.03
	Naria	0.00	2.03
	Shariatpur Sadar	0.00	2.03
	Zanjira	0.00	2.03
	Jhenaigati	1.04	1.00
	Nakla	0.03	2.02
	Nalitabari	1.30	1.07
	Sherpur Sadar	0.00	2.03
	Sreebardi	0.66	1.37
	Belkuchi	0.00	2.03
Sirajganj	Chauhali	0.00	2.03
	Kamarkhanda	0.00	2.03
	Kazipur	0.00	2.03
	Royganj	0.00	2.03
	Shahjadpur	0.00	2.03
	Sirajganj Sadar	0.00	2.03
	Tarash	0.00	2.03
	Ullah Para	0.00	2.03
	Bishwambarpur	1.07	1.92
	Chhatak	0.27	1.95
Sunamganj	Derai	0.59	1.44
	Dharampasha	0.79	1.55
	Dowarabazar	1.23	1.84
	Jagannathpur	0.30	1.72
	Jamalganj	0.35	1.68
	South Sunamganj	0.15	1.88
	Sulla	0.60	1.43
	Sunamganj Sadar	0.61	1.90
	Tahirpur	1.00	1.93

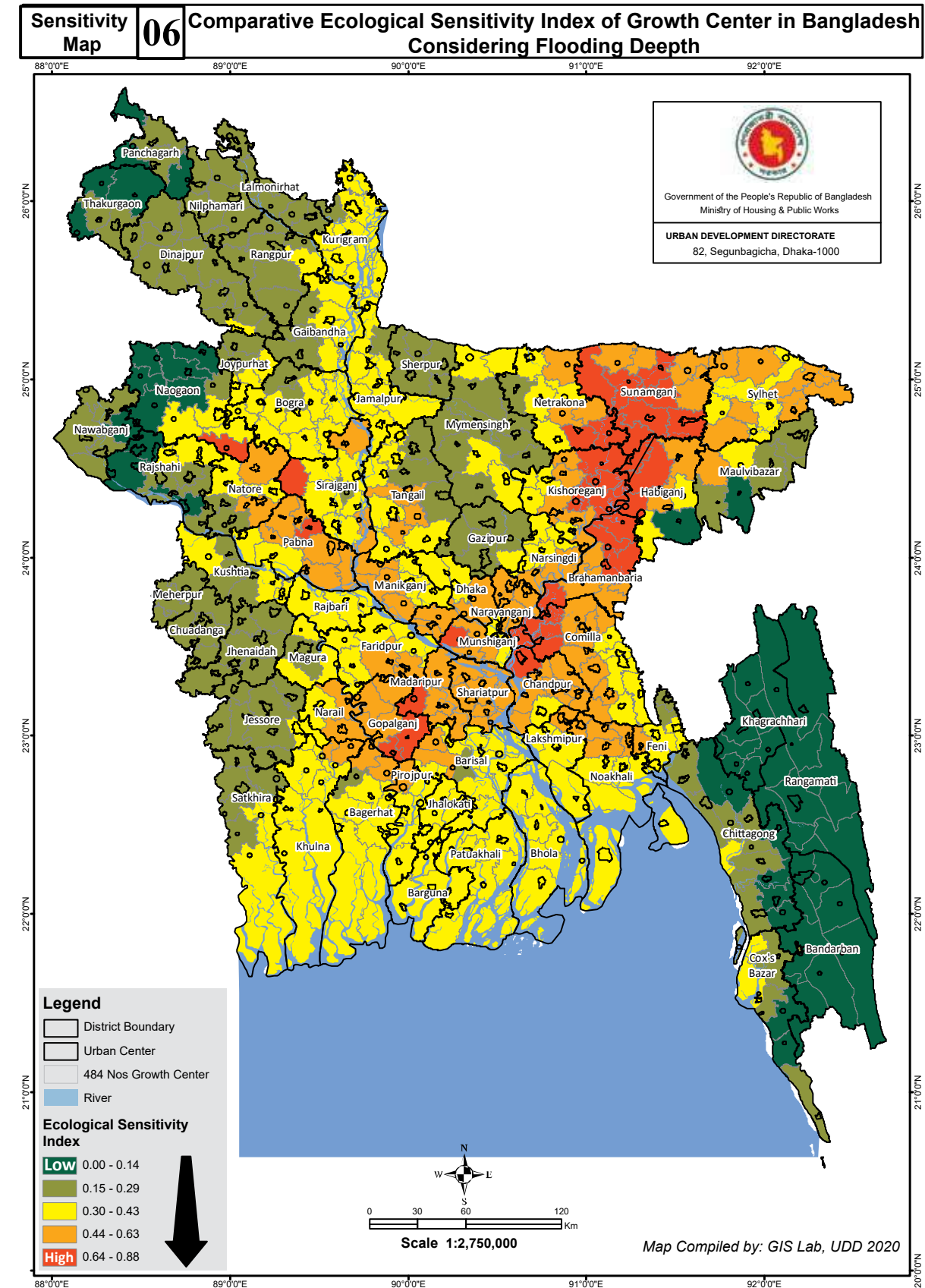
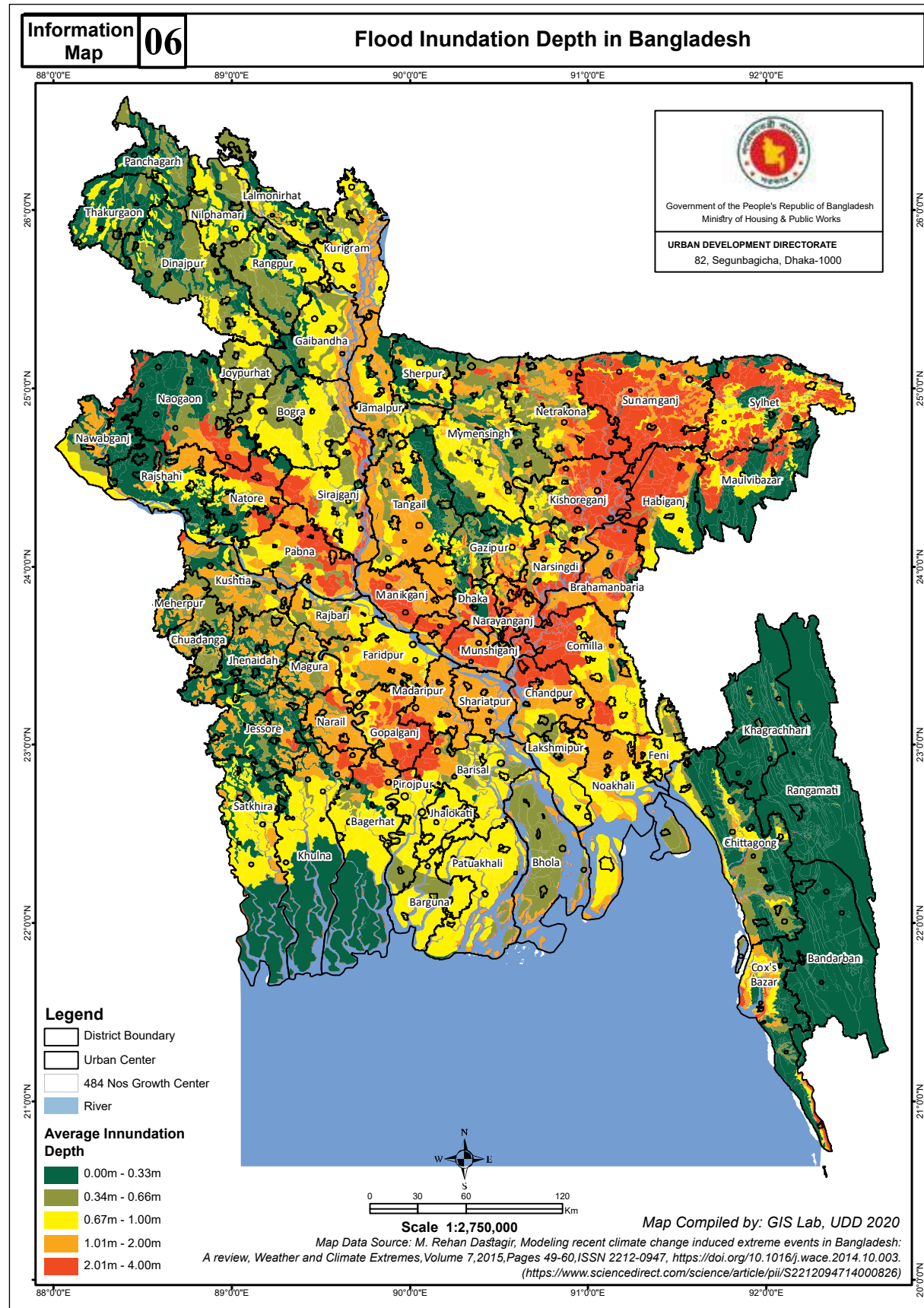
District	Growth center	Sensitivity	Suitability
Sylhet	Balaganj	0.00	2.03
	Beanibazar	0.00	2.03
	Bishwanath	0.00	2.03
	Companiganj Sylhet	0.75	1.95
	Fenchuganj	0.00	2.03
	Golabganj	0.00	2.03
	Gowainghat	0.56	1.97
	Jaintiapur	0.40	1.98
	Kanaighat	0.00	2.03
	South Surma (Sylhet CC)	0.00	2.03
Tangail	Sylhet Sadar (Sylhet CC)	0.45	1.98
	Zakiganj	0.00	2.03
	Basail	0.00	2.03
	Bhuapur	0.00	2.03
	Delduar	0.00	2.03
	Dhanbari	0.00	2.03
	Ghatal	0.00	2.03
	Gopalpur	0.00	2.03
	Kalihati	0.00	2.03
	Madhupur	0.00	2.03
Thakurgaon	Mirzapur	0.00	2.03
	Nagarpur	0.00	2.03
	Sakhipur	0.00	2.03
	Tangail Sadar	0.00	2.03
	Baliadangi	0.67	1.36
	Haripur	0.67	1.36
	Pirganj Thakurgaon	0.67	1.36
	Ranisankail	0.67	1.36
	Thakurgaon Sadar	0.67	1.36

Data Compiled by GIS Lab UDD, 2020

## Flash Flood

During monsoon heavy rainfall in the Ganges, Brahmaputra and Meghna river basin areas causes higher flow at its river system within Bangladesh. The country is laying at the downstream of these massive river system. Each year haor area, adjacent to river Shurma-Ksuhara and some cross border rivers are severely affected by flash flooding.

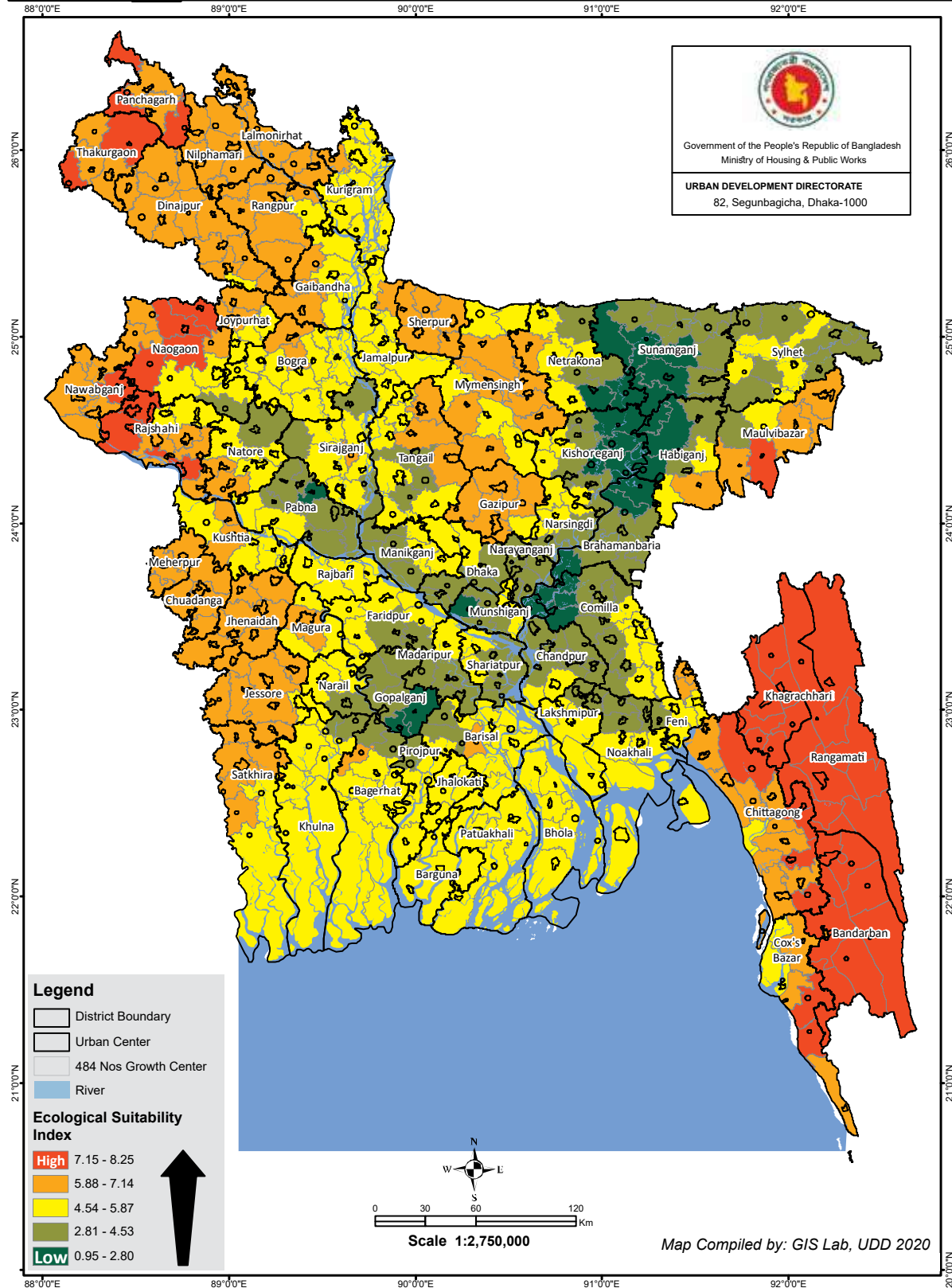
# Ecological Variables : Inundation Depth





# Ecological Variables : Inundation Depth

## Suitability Map 06 Comparative Ecological Suitability Index of Growth Center in Bangladesh Considering Flooding Depth



Index score and summary table of growth center ecological suitability considering flooding depth

Suitability Chart No 06 (a): Growth Center Ecological Suitability Statistics Considering Flooding Depth

Flooding Depth and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Total Population 2011	(%)	Urban Population 2011	(%)	Area (SqKM)	(%)
Score: 0.95 - 2.80	Paurashava_HQ	8	1430451	1.00	209198	0.62	1803.32	1.24
	Upazilla_HQ	17	3328065	2.32	248911	0.74	4570.79	3.14
Score: 2.81 - 4.53	CAP	1	8747042	6.10	8747042	25.86	305.84	0.21
	City Corporation HQ	2	566229	0.40	183355	0.54	239.75	0.16
	District_HQ	8	3335790	2.33	949422	2.81	2470.79	1.70
	Paurashava_HQ	50	14858399	10.37	2150252	6.36	12375.08	8.50
	Upazilla_HQ	39	8597967	6.00	426267	1.26	8676.49	5.96
Score: 4.54 - 5.87	City Corporation HQ	8	7605986	5.31	5696658	16.84	1363.05	0.94
	District_HQ	26	10423124	7.27	2470121	7.30	8160.73	5.61
	Paurashava_HQ	93	26326520	18.37	3506479	10.37	30346.19	20.85
Score: 5.88 - 7.14	Upazilla_HQ	57	10425604	7.27	841829	2.49	16891.94	11.61
	City Corporation HQ	3	3124445	2.18	1190123	3.52	1155.24	0.79
	District_HQ	15	6308464	4.40	1978860	5.85	5068.71	3.48
Score: 7.15 - 8.25	Paurashava_HQ	73	22353679	15.60	3021761	8.94	23093.19	15.87
	Upazilla_HQ	38	8577581	5.98	534517	1.58	8732.52	6.00
	City Corporation HQ	1	556527	0.39	556527	1.65	52.82	0.04
Score: 7.15 - 8.25	District_HQ	4	906070	0.63	288081	0.85	1989.19	1.37
	Paurashava_HQ	14	2820405	1.97	451146	1.33	6301.43	4.33
	Upazilla_HQ	27	3029386	2.11	368675	1.09	11950.26	8.21
<b>Grand Total</b>		<b>484</b>	<b>143321734</b>	<b>100.00</b>	<b>33819224</b>	<b>100.00</b>	<b>145547.31</b>	<b>100.00</b>

Data Compiled by GIS Lab UDD, 2020

Suitability Chart No 06 (b): Growth Center Ecological Suitability Statistics Considering Flooding Depth

Flooding Depth and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 0.95 - 2.80	Paurashava_HQ	8	Ajmiriganj, Daudkandi, Derai, Faridpur, Homna, Kotalipara, Madan, Tungipara
	Upazilla_HQ	17	Austagram, Banchhampur, Baniachong, Dharampasha, Gazaria, Itna, Jamalganj, Khaliajuri, Meghna, Mithamain, Nasirnagar, Nikli, Sarail, South Sunamganj, Sreenagar, Sulla, Titash
Score: 2.81 - 4.53	CAP	1	Dhaka City (DNCC & DSCC)
	City Corporation HQ	2	Bandar (NCC) & Tarabo, South Surma (Sylhet CC)
	District_HQ	8	Brahmanbaria Sadar, Chandpur Sadar, Gopalganj Sadar, Habiganj Sadar & Shayestaganj, Madaripur Sadar, Maulvi Bazar Sadar, Narsingdi Sadar & Madhabdi, Sunamganj Sadar
	Paurashava_HQ	50	Akhaura, Atgharia, Bajitpur, Barura, Beanibazar, Begumganj (Chowmuhan), Bera, Bhairab, Bhangra, Bhangura, Bhedarganj, Chandina, Chatkhil, Chatmohar, Chhatak, Daganbhuiyan, Damudya, Debidwar, Dohar, Haziganj, Jagannathpur, Kachua Chandpur, Kalia, Kalihati, Kalkini, Kanaighat, Karimganj, Kasba, Katiadi, Kazipur, Laksam, Matlab Dakshin, Matlab Uttar (Sengarchar), Mohanganj, Muksudpur, Nabiganj, Nabinagar, Nagarkanda, Naria, Ramganj, Raypura, Ruppaganj & Kanchan, Santhia, Senbagh, Shahrasti, Singra, Sonaimuri, Sonargaon, Sujanagar, Zakiganj
	Upazilla_HQ	39	Agailjhara, Araihasar, Ashuganj, Atpara, Atrai, Balaganj, Basail, Bishwambarpur, Brahman Para, Chauhali, Chitalmari, Companiganj Sylhet, Daulatpur Manikganj, Delduar, Dighalia, Dowarabazar, Ghior, Gosairhat, Gowainghat, Harirampur, Kalmakanda, Kashiani, Keraniganj, Lakhai, Lohajang, Mollahat, Monoharganj, Muradnagar, Nawabganj Dhaka, Nazirpur, Rajoir, Serajdikhan, Shibabaya, Tahirpur, Tarail, Tarash, Terokhada, Tongibari, Wazirpur

# Ecological Variables : Inundation Depth

Suitability Chart No 06 (b): Growth Center Ecological Suitability Statistics Considering Flooding Depth			
Flooding Depth and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 4.54 - 5.87	City Corporation HQ	8	Barisal Sadar (BCC), Chattogram City (CCC), Cumilla Sadar (Cumilla CC), Khan Jahan Ali (KCC), Khulna Sadar (KCC), Narayanganj Sadar (NCC) & Shiddhirganj, South Cumilla (Cumilla CC), Sylhet Sadar (Sylhet CC)
	District_HQ	26	Bagerhat Sadar, Barguna Sadar, Bhola Sadar, Faridpur Sadar, Feni Sadar, Gaibandha Sadar, Jamalpur Sadar, Jhalokati Sadar, Kishoreganj Sadar, Kurigram Sadar, Kushtia Sadar, Lakshmipur Sadar, Manikganj Sadar, Munshiganj Sadar & Mirkadim, Naogaon Sadar, Narail Sadar, Natore Sadar & Naldanga, Netrokona Sadar, Noakhali Sadar, Pabna Sadar, Patuakhali Sadar, Pirojpur Sadar, Rajbari Sadar, Shariatpur Sadar, Sirajganj Sadar, Tangail Sadar,
	Paurashava_HQ	93	Abhaynagar, Adamdighi, Akkelpur, Amtali, Bakerganj, Banaripara, Baraigram & Banpara, Bauphal, Belkuchi, Betagi, Bhabanigonj (Baghmara) & Tahirpur, Bhuapur, Boalmari, Burhanuddin, Chalna (Dacope), Char Fasson, Chaudagram, Chhagalnaiya, Companiganj (Bashurhat) Noakhali, Daulat Khan, Dewanganj, Dhamrai, Dhanbari, dhunat, dhupchanchia, Durgapur Netrakona, Faridganj, gabtali, Gaffargaon, Galachipa, Gaurnadi, Ghorashal (Palash), Goalandaghat, Golabganj, Gopalpur, Gurudaspur, Hakimpur, Hatiya, Hossainpur, Ishwardi, Islampur, Kabirhat, kahaloo, Kalai, Kalapara & Kuakata, Kaliganj Gazipur, Kendua, Kesharhat (Mohanpur), Khoksa, Kuliari Char, Kumarkhali, Lalmoan, Lohagara Narail, Madarganj, Madhabpur, Maheshkhali, Manohardi, Mathbaria, Mehendiganj, Melandaha, Mirzapur, Mongla, Morrelganj Bagerhat, Muladi, Nageshwari, Nalchity, nandigram, Nangalkot, Nesarabad (Swarupkati), Paikgachha, Pakundia, Pangsha, Patharghata, Raipur, Ramgati, Royganj, Sandwip, sariakandi, Sarishabari, Savar, Shahjadpur, Shalikh, sherpur, Shib Char, Shibpur, Singair, Sonagazi, Sonatola, Sundarganj, Trishal, Ulipur, Ullah Para, Zanjira
	Upazilla_HQ	57	Alfadanga, Assasuni, Bahubal, Balia Kandi, Bamna, Barhatta, Batiaghata, Belabo, Bhandaria, Bhurungamari, Bishwanath, Burichang, Char Bhadrason, Char Rajibpur, Chilmari, Dashmina, Daulatpur Kushtia, Dhobaura, Dumki, Dumuria, Fenchuganj, Fulchhari, Haimchar, Halaughat, Hizla, Jaintiapur, Kachua Bagerhat, Kanthalia, Kawkhali Pirojpur, Khettal, Koyra, Madhukhali, Manda, Manpara, Mirzaganj, Mohammadpur, Morrelganj (Zianagar) Pirojpur, Nagarpur, Pekua, Phultala, Pargachha, Rajapur, Rajarhat, Rajnagar, Rampal, Raninagar, Raumari, Rupsa, Sadarpur, Saghata, Sarankhola, Sauria, Shajahanpur (Majhira) Bogra, Shyamnagar, Sreepur Magura, Subarnachar, Tazumuddin
Score: 5.88 - 7.14	City Corporation HQ	3	Gazipur Sadar (GCC & Tongi), Mymensingh Sadar (MCC), Rangpur Sadar (Rangpur CC)
	District_HQ	15	Bogura Sadar, Chuadanga Sadar, Cox's Bazar Sadar, Dinajpur Sadar, Jashore Sadar, Jhenaidaha Sadar, Joypurhat Sadar, Lalmonirhat Sadar, Magura Sadar, Meherpur Sadar, Nawabganj Sadar, Nilphamari Sadar, Panchagarh Sadar, Satkhira Sadar, Sherpur Sadar
	Paurashava_HQ	73	Alamdanga, Badarganj, Bagati Para, Bagha & Arani, Bagherpara, Banskhali, Barlekha, Benapole (Sharsha), Bhaluka, Bheramara, Birampur, Birganj, Bochaganj (Setabganj), Boda, Chakaria, Chaugachha, Chunarughat, Darshana (Damurhuda), Domar, Durgapur Rajshahi, Fulbari, Fulbaria, Gangni, Gauripur, Ghatail, Ghoraghat, Gobindaganj, Gopalpur (Lalpur), Haragacha (Kaunia), Harinakunda, Ishwarganj, Jaldhaka, Jhikargachha, Jibannagar, Kalaroa, Kaliakair, Kaliganj Jhenaidah, Keshabpur, Kotchandpur, Kulaura, Madhupur, Maheshpur, Manirampur, Mirpur Kushtia, Mirsharai (Baraiarhat), Muktagachha, Nakla, Nalitabari, Nandail, Panchbibi, Parbatipur, Parshuram, Patgram, Patiya, Phulpur, Pirganj Thakurgaon, Poba & Katakhal & Noahata, Purbadhala, Puthia, Rahanpur (Gomastapur), Ranisankail, Raozan, Saidpur, Sakhipur, Satkania, Shaikupa, Shibganj Bogra, Shibganj Nawabganj, Sitakunda, Sreebardi, Sreemangal, Sreepur Gazipur, Teknaf
	Upazilla_HQ	38	Aditmari, Anowara, Babuganj, Badalgachhi, Bakshiganj, Baliadangi, Bholahat, Biral, Boalkhali, Chirirbandar, Debhata, Dimla, Fakirhat, Fulgazi, Gangachara, Hathazari, Hatibandha, Jhenaidaha, Juri, Kaharole, Kaliganj Lalmonirhat, Kaliganj Satkhira, Kamarkhanda, Kapasia, Khansama, Kishoreganj, Kutubdia, Mitha Pukur, Mujibnagar, Nawabganj Dinajpur, Palashbari, Phulbari, Pirganj Rangpur, Porsha, Sadullapur, Sapahar, Tala, Taraganj
Score: 7.15 - 8.25	City Corporation HQ	1	Rajshahi Sadar (RCC)
	District_HQ	4	Bandarban Sadar, Khagrachhari Sadar, Rangamati Sadar, Thakurgaon Sadar
	Paurashava_HQ	14	Baghai Chhari, Chandanaish, Charghat, Dharmoirhat, Godagari & Kakanhat, Kamalganj, Lama, Mahadebpur, Matiranga, Nachole, Nazipur (Patnitala), Ramgarh, Rangunia, Tanore & mundumala
	Upazilla_HQ	27	Alikadam, Atwari, Barkal, Belai Chhari, Debiganj, Dighinala, Fatikchhari, Haripur, Jurai Chhari, Kaptai, Kawkhali Rangamati, Lakshmichhari, Langadu, Lohagara Chittagong, Mahalchhari, Manikchhari, Naikhongchhari, Naniarchar, Niamatpur, Panchhari, Rajasthali, Ramu, Rowangchhari, Ruma, Tentulia, Thanchi, Ukhia

Data Compiled by GIS Lab UDD, 2020

Index score of each growth center's ecological sensitivity and suitability considering flooding depth in alphabetical order

District	Growth center	Sensitivity	Suitability	
Bagerhat	Bagerhat Sadar	2.58	5.69	
	Chitalmari	4.52	3.72	
	Fakirhat	2.30	5.96	
	Kachua Bagerhat	2.75	5.50	
	Mollahat	4.68	3.55	
	Mongla	2.90	5.35	
	Morrelganj Bagerhat	2.98	5.27	
	Rampal	2.74	5.51	
	Sarankhola	2.90	5.35	
	Alikadam	0.01	8.24	
Bandarban	Bandarban Sadar	0.04	8.21	
	Lama	0.03	8.22	
	Naikhongchhari	0.08	8.17	
	Rowangchhari	0.00	8.25	
	Ruma	0.00	8.25	
	Thanchi	0.00	8.25	
	Amtali	2.80	5.45	
	Bamna	2.63	5.62	
	Barguna Sadar	2.69	5.56	
	Betagi	2.76	5.49	
Barguna	Patharghata	2.78	5.47	
	Agailjhara	4.54	3.71	
	Babuganj	2.13	6.09	
	Bakerganj	2.72	5.52	
	Banaripara	3.39	4.86	
	Barisal Sadar (BCC)	2.67	5.54	
	Gaurnadi	2.86	5.38	
	Hizla	2.84	5.38	
	Mehendiganj	2.44	5.76	
	Muladi	2.40	5.79	
Barisal	Wazirpur	4.30	3.95	
	Bhola Sadar	2.55	5.70	
	Burhanuddin	2.41	5.84	
	Char Fasson	2.85	5.40	
	Daulat Khan	2.86	5.40	
	Lalmohan	2.39	5.86	
	Manpara	3.19	5.06	
	Tazumuddin	2.50	5.75	
	Adamdighi	2.92	5.33	
	Bogura Sadar	2.09	6.16	
Bhola	dhunat	2.47	5.73	
	dhupchanchia	2.54	5.71	
	gabtali	2.81	5.44	
	kahaloo	2.39	5.86	
	nandigram	2.78	5.47	
	sariakandi	3.22	5.03	
	Shajahanpur (Majhira) Bogra	2.50	5.73	
	sherpur	2.57	5.64	
	Shibganj Bogra	1.83	6.43	
	Sonatola	2.72	5.54	
Bogra	Akhaura	4.64	3.57	
	Ashuganj	4.26	3.91	
	Banchharampur	5.56	2.71	
	Brahmanbaria Sadar	5.33	2.91	
	Kasba	3.94	4.25	
	Nabinagar	5.07	3.18	
	Nasiragar	5.98	2.27	
	Sarail	5.81	2.42	
	Chandpur Sadar	4.29	3.97	
	Brahmanbaria	Faridganj	2.78	5.48
Haimchar		3.66	4.59	
Haziganj		4.88	3.40	
Kachua Chandpur		4.67	3.58	
Matlab Dakshin		5.14	3.11	
Matlab Uttar (Sengarchar)		5.28	2.97	
Shahrasti		4.39	3.89	
Chandpur		Chandpur Sadar	4.29	3.97
		Faridganj	2.78	5.48
		Haimchar	3.66	4.59
	Haziganj	4.88	3.40	
	Kachua Chandpur	4.67	3.58	
	Matlab Dakshin	5.14	3.11	
	Matlab Uttar (Sengarchar)	5.28	2.97	
	Shahrasti	4.39	3.89	
	Chittagong	Anowara	2.29	5.96
		Banskhali	1.60	6.65
Boalkhali		1.31	6.89	
Chandanaish		0.69	7.54	
Chattogram City (CCC)		3.58	4.67	
Fatikchhari		0.68	7.58	
Hathazari		1.40	6.85	
Lohagara Chittagong		0.53	7.72	
Mirsharai (Baraiarhat)		1.81	6.44	
Patiya		1.22	7.03	
Chuaadanga	Rangunia	0.92	7.33	
	Raozan	1.54	6.71	
	Sandwip	2.47	5.78	
	Satkania	1.09	7.14	
	Sitakunda	2.24	6.01	
	Alamdanga	1.77	6.45	
	Chuadanga Sadar	1.59	6.63	
	Darshana (Damurhuda)	2.06	6.15	
	Jibannagar	1.79	6.43	
	Barura	3.99	4.23	
Comilla	Brahman Para	4.70	3.55	
	Burichang	3.41	4.84	
	Chandina	4.89	3.35	
	Chaudagram	2.83	5.42	
	Cumilla Sadar (Cumilla CC)	3.04	5.21	
	Daudkandi	6.70	1.53	
	Debidwar	4.04	4.21	
	Homna	6.99	1.25	
	Laksam	4.21	4.01	
	Meghna	7.27	0.95	
Cox's Bazar	Monoharganj	5.11	3.14	
	Muradnagar	5.14	3.11	
	Nangalkot	3.29	4.99	
	South Cumilla (Cumilla CC)	2.78	5.46	
	Titash	7.21	1.02	
	Chakaria	1.59	6.65	
	Cox's Bazar Sadar	1.95	6.30	
	Kutubdia	2.32	5.93	
	Maheshkhali	2.46	5.79	
	Pekua	3.18	5.07	
Dhaka	Ramu	0.56	7.69	
	Teknaf	1.65	6.60	
	Ukhia	0.64	7.61	
	Dhaka City (DNCC & DSCC)	4.42	3.83	
	Dhamrai	3.49	4.82	
	Dohar	4.05	4.20	
	Keraniganj	4.84	3.41	
	Nawabganj Dhaka	5.13	3.14	
	Savar	2.64	5.62	
	Biral	1.32	6.92	
Dinajpur	Birampur	2.16	6.10	
	Birganj	1.18	7.06	
	Bochaganj (Setabganj)	1.33	6.92	
	Chirirbandar	1.69	6.56	
	Dinajpur Sadar	1.51	6.73	
	Fulbari	2.18	6.09	
	Ghoraghat	1.97	6.32	
	Hakimpur	2.58	5.74	
	Kaharole	1.34	6.88	
	Khansama	1.62	6.63	
Faridpur	Nawabganj Dinajpur	2.00	6.28	
	Parbatipur	1.66	6.60	
	Alfadanga	3.01	5.26	
	Bhanga	3.81	4.46	
	Boalmari	2.91	5.36	
	Char Bhadrason	2.76	5.48	
	Faridpur Sadar	3.00	5.26	
	Madhukhali	2.86	5.39	
	Nagarkanda	3.86	4.41	
	Sadarpur	2.81	5.44	
Feni	Chhagalnaiya	2.46	5.79	
	Daganbhuiyan	3.93	4.34	
	Feni Sadar	3.09	5.16	
	Fulgazi	2.11	6.19	
	Parshuram	1.88	6.39	
	Sonagazi	3.17	5.08	
	Fulchhari	3.46	4.85	
	Gaibandha Sadar	2.93	5.34	
	Gobindaganj	1.90	6.34	
	Palashbari	1.86	6.38	
Gaibandha	Sadullapur	2.12	6.10	
	Saghata	2.78	5.48	
	Sundarganj	2.51	5.75	
	Gazipur Sadar (GCC & Tongi)	2.08	6.16	
	Kaliakair	2.07	6.20	
	Kaliganj Gazipur	3.05	5.19	
	Kapasia	2.11	6.13	
	Sreepur Gazipur	1.43	6.82	
	Gopalganj Sadar	5.11	3.14	
	Kashiani	4.59	3.68	
Gazipur	Kotalipara	6.64	1.61	
	Muksudpur	5.16	3.09	
	Tungipara	5.87	2.37	
	Ajmiriganj	5.86	2.39	
	Bahubal	2.43	5.82	
	Baniachong	6.07	2.18	
	Chunarughat	1.12	7.13	
	Habiganj Sadar & Shayestaganj	4.02	4.23	
	Lakhai	5.45	2.80	
	Madhabpur	2.79	5.46	
Gopalganj	Nabiganj	4.92	3.33	
	Bakshiganj	1.57	6.68	
	Dewanganj	3.30	4.95	
	Islampur	3.04	5.21	
	Jamalpur Sadar	2.59	5.65	
	Madarganj	3.00	5.24	
	Melandaha	2.78	5.44	
	Sarishabari	2.62	5.59	
	Abhaynagar	2.85	5.41	
	Bagherpara	2.17	6.11	
Habiganj	Benapole (Sharsha)	2.15	6.09	
	Chaugachha	1.84	6.43	
	Jashore Sadar	1.73	6.56	
	Jhikargachha	1.53	6.72	
	Keshabpur	1.96	6.30	
	Manirampur	2.11	6.16	
	Jhalokati Sadar	2.59	5.66	
	Kanthatia	3.02	5.23	
	Nalchity	2.67	5.57	
	Rajapur	2.75	5.50	
Jalpaiguri	Harinakunda	2.15	6.10	
	Jhenaidaha Sadar	2.02	6.23	
	Kaliganj Jhenaidah	1.63	6.64	
	Kotchandpur	1.55	6.73	
	Maheshpur	2.07	6.20	
	Shaikupa	2.17	6.09	



# Ecological Variables : Inundation Depth

Index score of each growth center's ecological sensitivity and suitability considering flooding depth in alphabetical order

District	Growth center	Sensitivity	Suitability
Joypurhat	Akkelpur	2.52	5.73
	Joypurhat Sadar	2.15	6.11
	Kalai	2.42	5.83
	Khetlal	2.49	5.76
Khagrachhari	Panchbibi	2.33	5.96
	Dighinala	0.16	8.09
	Khagrachhari Sadar	0.23	8.02
	Lakshmichhari	0.06	8.19
	Mahalchhari	0.18	8.07
	Manikchhari	0.11	8.14
	Matiranga	0.12	8.13
	Panchhari	0.16	8.09
	Ramgarh	0.13	8.12
	Batiaghata	2.93	5.33
Khulna	Chalna (Dacope)	3.03	5.22
	Dighalia	3.87	4.36
	Dumuria	3.12	5.15
	Khan Jahan Ali (KCC)	2.63	5.66
	Khulna Sadar (KCC)	2.75	5.53
	Koyra	3.17	5.07
	Paikgachha	2.79	5.46
	Phultala	2.80	5.47
	Rupsa	3.23	5.05
	Terokhada	4.74	3.50
Kishoreganj	Austagram	6.94	1.31
	Bajitpur	4.51	3.73
	Bhairab	4.04	4.21
	Hossainpur	2.39	5.85
	Itna	7.16	1.09
	Karimganj	4.33	3.91
	Katiadi	3.97	4.26
	Kishoreganj Sadar	2.81	5.43
	Kuliar Char	3.18	5.06
	Mithamain	6.73	1.55
Kurigram	Nikli	6.09	2.17
	Pakundia	2.56	5.66
	Tarail	5.00	3.26
	Bhurungamari	2.45	5.77
	Char Rajibpur	3.45	4.87
	Chilmari	3.18	5.13
	Kurigram Sadar	2.63	5.66
	Nageshwari	2.67	5.59
	Phulbari	2.34	5.91
	Rajarhat	2.57	5.67
Kushtia	Raumari	3.04	5.23
	Ulipur	2.89	5.39
	Bheramara	1.87	6.38
	Daulatpur Kushtia	2.55	5.68
	Khoksa	2.43	5.82
	Kumarkhali	2.60	5.66
	Kushtia Sadar	2.36	5.87
	Mirpur Kushtia	2.19	6.02
	Lakshmipur Sadar	3.33	4.96
	Raipur	2.61	5.64
Lalmonirhat	Ramganj	4.09	4.21
	Ramgati	3.08	5.19
	Aditmari	2.00	6.25
	Hatibandha	2.03	6.21
	Kaliganj Lalmonirhat	2.14	6.11
	Lalmonirhat Sadar	1.98	6.26
	Patgram	2.15	6.03
	Kalkini	3.85	4.41
	Madaripur Sadar	4.10	4.19
	Rajoir	5.27	3.02
Magura	Shib Char	3.71	4.56
	Magura Sadar	2.14	6.11
	Mohammadpur	3.57	4.70
	Shalikhha	2.48	5.79
	Sreepur Magura	2.42	5.84

District	Growth center	Sensitivity	Suitability	
Manikganj	Daulatpur Manikganj	3.75	4.48	
	Ghior	4.76	3.53	
	Harirampur	5.13	3.14	
	Manikganj Sadar	3.46	4.81	
	Saturia	3.32	4.96	
Maulvibazar	Shibalaya	4.68	3.62	
	Singair	3.47	4.81	
	Barlekha	1.80	6.45	
	Juri	1.63	6.62	
	Kamalganj	0.48	7.79	
	Kulaura	1.38	6.89	
	Maulvi Bazar Sadar	3.99	4.30	
	Rajnagar	3.09	5.18	
	Sreemangal	1.20	7.05	
	Meherpur	Gangni	2.06	6.14
Meherpur Sadar		2.01	6.22	
Mujibnagar		1.83	6.43	
Munshiganj		Gazaria	5.81	2.44
		Lohajang	5.09	3.16
	Munshiganj Sadar & Mirkadim	3.13	5.14	
	Serajdikhan	4.39	3.85	
	Sreenagar	5.67	2.58	
	Tongibari	4.82	3.43	
	Mymensingh	Bhaluka	1.41	6.85
		Dhobaura	2.88	5.39
		Fulbaria	2.17	6.06
		Gaffargaon	2.63	5.62
Gauripur		1.99	6.33	
Haluaghat		2.42	5.86	
Ishwarganj		1.59	6.69	
Mukttagachha		2.35	5.87	
Mymensingh Sadar (MCC)		1.81	6.46	
Nandail		1.90	6.37	
Naogaon	Phulpur	2.25	6.04	
	Trishal	2.48	5.72	
	Atrai	5.32	2.92	
	Badalgachhi	1.47	6.78	
	Dhamoirhat	0.54	7.71	
	Mahadebpur	0.65	7.60	
	Manda	2.49	5.77	
	Naogaon Sadar	2.70	5.55	
	Nazipur (Patnitala)	0.20	8.04	
	Niamatpur	0.16	8.09	
Narail	Porsha	1.13	7.12	
	Raninagar	2.94	5.33	
	Sapahar	1.13	7.10	
	Katia	4.64	3.63	
	Lohagara Narail	3.71	4.56	
	Narail Sadar	3.28	4.96	
	Araihazar	4.71	3.52	
	Narayanganj	Bandar (NCC) & Tarabo	5.19	3.11
		Narayanganj Sadar (NCC) & Shiddhirganj	3.48	4.73
		Rupganj & Kanchan	4.23	4.04
Sonargaon		4.51	3.75	
Betabo		2.60	5.67	
Narsingdi		Ghorashat (Palash)	2.76	5.48
		Manohardi	3.26	5.04
		Narsingdi Sadar & Madhabdi	4.53	3.71
		Raypura	4.18	4.11
		Shibpur	2.92	5.37

District	Growth center	Sensitivity	Suitability	
Natore	Bagati Para	1.62	6.63	
	Baraigram & Banpara	3.67	4.59	
	Gopalpur (Lalpur)	1.64	6.62	
	Gurudaspur	3.53	4.72	
	Natore Sadar & Naldanga	3.11	5.16	
Nawabganj	Singra	4.12	4.13	
	Bholahat	1.96	6.29	
	Nachole	0.33	7.92	
	Nawabganj Sadar	1.73	6.52	
	Rahanpur (Gomastapur)	2.03	6.22	
Netrakona	Shibganj Nawabganj	2.02	6.21	
	Atpara	3.99	4.29	
	Barhatta	3.34	4.94	
	Durgapur Netrakona	3.19	5.10	
	Kalmakanda	4.47	3.83	
Nilphamari	Kendua	2.95	5.32	
	Khaliajuri	6.62	1.63	
	Madan	5.62	2.65	
	Mohanganj	4.90	3.37	
	Netrokona Sadar	2.45	5.81	
	Purbadhala	2.22	6.05	
	Dimla	2.18	6.03	
	Domar	2.11	6.13	
	Jaldhaka	1.85	6.37	
	Kishoreganj	1.87	6.36	
Noakhali	Nilphamari Sadar	2.06	6.15	
	Saidpur	2.30	5.94	
	Begumganj (Chowmuhani)	4.33	3.94	
	Chatkhil	4.19	4.10	
	Companiganj (Bashurhat)	3.24	5.05	
	Noakhali	3.10	5.15	
	Hatiya	3.21	5.07	
	Kabirhat	3.21	5.07	
	Noakhali Sadar	3.53	4.78	
	Senbagh	3.87	4.37	
Pabna	Sonaimuri	4.93	3.39	
	Subarnachar	3.35	4.94	
	Atgharia	4.15	4.06	
	Bera	4.88	3.37	
	Bhangura	4.98	3.27	
	Chatmohar	4.50	3.74	
	Faridpur	5.70	2.55	
	Ishwardi	2.47	5.81	
	Pabna Sadar	2.70	5.56	
	Santhia	4.90	3.35	
Panchagarh	Sujanagar	4.82	3.41	
	Atwari	0.83	7.43	
	Boda	1.18	7.08	
	Debiganj	0.99	7.27	
	Panchagarh Sadar	1.24	7.01	
	Tentulia	1.06	7.19	
	Narayanganj Sadar (NCC) & Shiddhirganj	2.74	5.52	
	Bauphal	2.84	5.41	
	Dashmina	2.84	5.41	
	Dumki	2.70	5.55	
Patuakhali	Galachipa	3.10	5.15	
	Kalapara & Kuakata	2.80	5.45	
	Mirzaganj	2.86	5.39	
	Patuakhali Sadar	2.66	5.59	
	Bhandaria	2.78	5.47	
	Kawkhali Pirojpur	3.07	5.18	
	Mathbaria	2.68	5.57	
	Pirojpur	Morrelganj (Zianagar) Pirojpur	2.61	5.64
		Nazirpur	3.98	4.27
		Nesarabad (Swarupkati)	3.01	5.24
Pirojpur Sadar		3.03	5.22	

Index score of each growth center's ecological sensitivity and suitability considering flooding depth in alphabetical order

District	Growth center	Sensitivity	Suitability
Rajbari	Balia Kandi	3.10	5.19
	Goalandaghat	2.83	5.38
	Pangsha	2.75	5.50
	Rajbari Sadar	2.79	5.47
	Bagha & Arani	1.41	6.82
Rajshahi	Bhabanigonj (Baghmara) & Tahirpur	3.37	4.91
	Charghat	0.83	7.39
	Durgapur Rajshahi	2.03	6.21
	Godagari & Kakanhat	0.70	7.55
	Kesharhat (Mohanpur)	2.62	5.66
	Poba & Katakhal & Noahata	1.82	6.41
	Puthia	1.74	6.49
	Rajshahi Sadar (RCC)	0.90	7.30
	Tanore & mundumala	0.51	7.74
	Rangamati	Baghai Chhari	0.10
Barkal		0.01	8.24
Belai Chhari		0.00	8.25
Jurai Chhari		0.03	8.22
Kaptai		0.02	8.23
Kawkhali Rangamati		0.06	8.19
Langadu		0.04	8.21
Naniarchar		0.05	8.20
Rajasthali		0.05	8.20
Rangamati Sadar		0.02	8.23
Rangpur	Badarganj	2.10	6.16
	Gangachara	2.01	6.22
	Haragacha (Kaunia)	2.09	6.13
	Mitha Pukur	1.94	6.30
	Pirgachha	2.39	5.86
	Pirganj Rangpur	1.68	6.59
	Rangpur Sadar (Rangpur CC)	1.81	6.43
	Taraganj	2.20	5.98

District	Growth center	Sensitivity	Suitability	
Satkhira	Assasuni	2.97	5.27	
	Debhata	2.18	6.01	
	Kalaroa	1.55	6.74	
	Kaliganj Satkhira	2.28	5.96	
	Satkhira Sadar	2.22	6.01	
Shariatpur	Shyamnagar	3.07	5.18	
	Tala	1.52	6.68	
	Bhedarganj	4.62	3.63	
	Damudya	4.06	4.23	
	Gosairhat	3.84	4.43	
	Godagari & Kakanhat	4.19	4.06	
	Shariatpur Sadar	3.66	4.63	
	Zanjira	3.68	4.58	
	Jhenaigati	1.36	6.92	
	Sherpur	Nakla	2.12	6.10
Nalitabari		2.04	6.24	
Sherpur Sadar		1.80	6.43	
Sreebardi		1.63	6.62	
Belkuchi		3.20	5.05	
Sirajganj	Chauhali	4.84	3.41	
	Kamarkhanda	2.00	6.23	
	Kazipur	3.96	4.29	
	Royganj	2.61	5.65	
	Shahjadpur	3.18	5.07	
	Sirajganj Sadar	2.79	5.47	
	Tarash	5.30	2.96	
	Ullah Para	3.01	5.24	
	Sunamganj	Bishwambarpur	4.22	4.06
		Chhatak	4.84	3.40
Derai		6.21	2.06	
Dharampasha		6.38	1.87	
Dowarabazar		4.37	3.90	
Jagannathpur		5.34	2.91	
Jamalganj		7.01	1.28	
South Sunamganj		6.48	1.76	
Sulla		6.42	1.84	
Sunamganj Sadar		5.29	2.98	
Tahirpur	4.60	3.65		

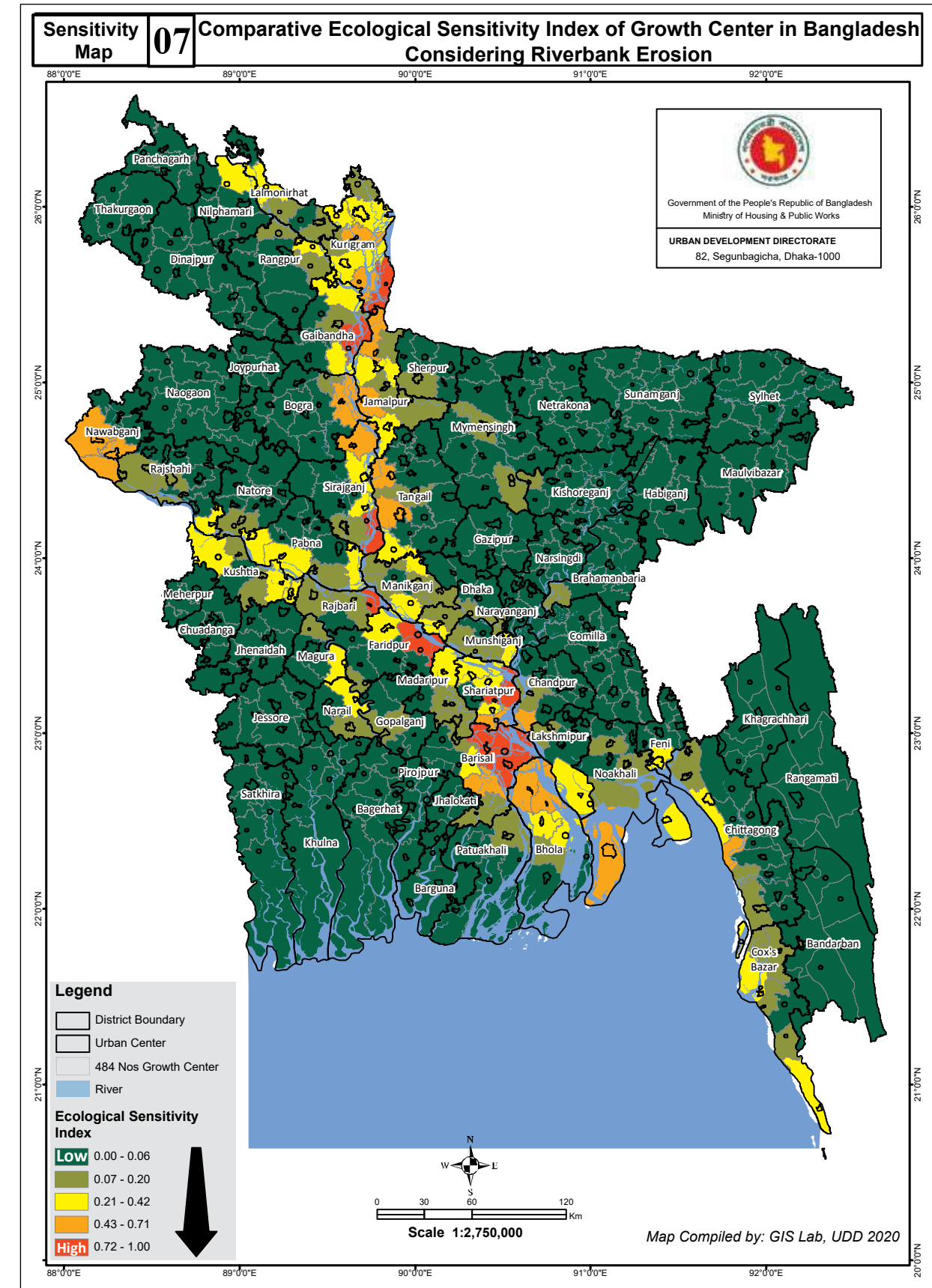
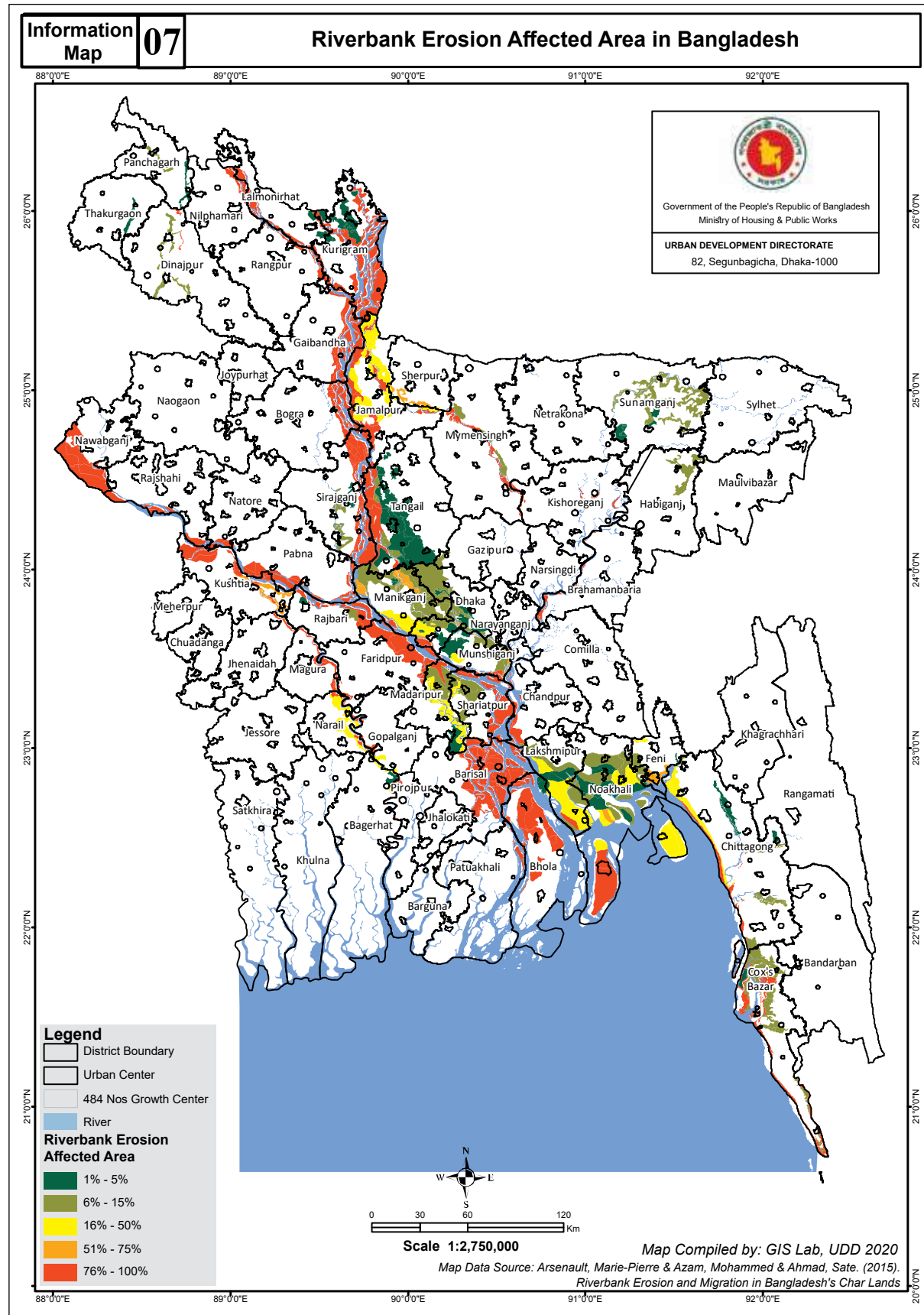
District	Growth center	Sensitivity	Suitability
Sylhet	Balaganj	4.92	3.35
	Beanibazar	3.80	4.48
	Bishwanath	3.52	4.80
	Companiganj Sylhet	4.67	3.57
	Fenchuganj	3.27	4.97
	Golabganj	3.07	5.18
	Gowainghat	4.32	3.94
	Jaintiapur	3.03	5.23
	Kanaighat	4.28	4.00
	South Surma (Sylhet CC)	4.30	4.00
Tangail	Sylhet Sadar (Sylhet CC)	2.59	5.69
	Zakiganj	4.45	3.85
	Basail	4.66	3.59
	Bhuapur	3.17	5.12
	Delduar	3.80	4.45
	Dhanbari	2.73	5.52
	Ghatail	2.05	6.22
	Gopalpur	3.13	5.12
	Kalihati	3.74	4.53
	Madhupur	1.30	6.96
Thakurgaon	Mirzapur	3.30	4.97
	Nagarpur	3.01	5.26
	Sakhipur	1.31	6.98
	Tangail Sadar	3.38	4.90
	Baliadangi	1.11	7.14
	Haripur	0.98	7.27
	Pirganj Thakurgaon	1.31	6.95
	Ranisankail	1.29	6.99
	Thakurgaon Sadar	1.00	7.27

Data Compiled by GIS Lab UDD, 2020

## Ecological Variables : Inundation Depth

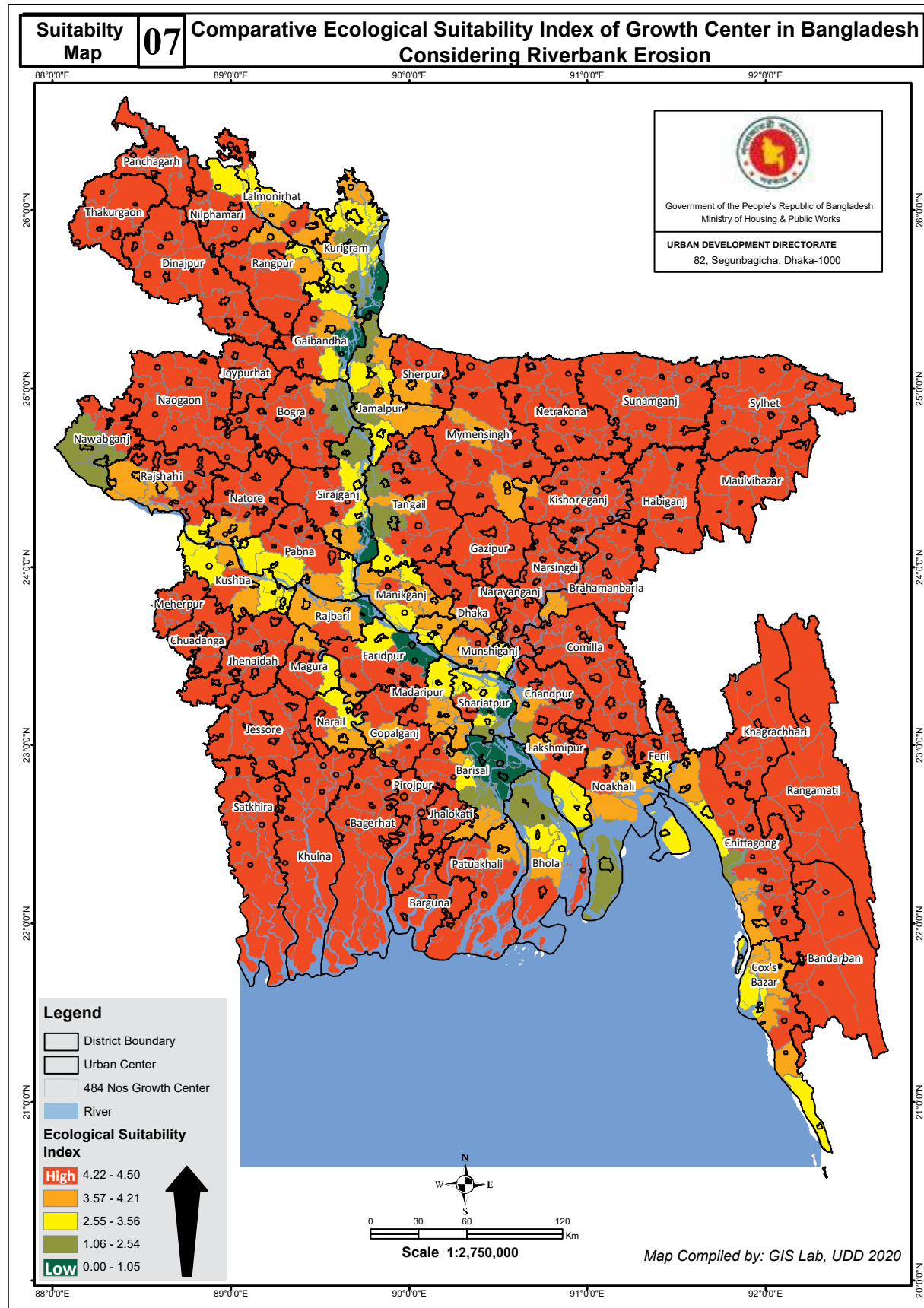
Flooding is an annual phenomenon in Bangladesh. Geographically, the country is located at downstream of three large river basins. The Ganges, the Brahmaputra and the Meghna river basin. They are considered the most active delta formation zone. According to Flood Forecasting and Warning Center Bangladesh, these three river basins consist of 1.72 million km including Bangladesh, Bhutan, China, Nepal and India. Heavy rainfall at this region causes flooding in the country during monsoon each year. Different areas suffer from different inundation depth due to varying elevation and complexity of the system. Area above 1m(3ft) flooding depth is considered as most severe.

# Ecological Variables : Riverbank Erosion





# Ecological Variables : Riverbank Erosion



Index score and summary table of growth center ecological suitability considering riverbank erosion

Suitability Chart No 07 (a): Growth Center Ecological Suitability Statistics Considering Riverbank Erosion

Riverbank Erosion and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Total Population 2011	(%)	Urban Population 2011	(%)	Area (SqKM)	(%)
Score: 0.95 - 2.80	Paurashava_HQ	4	841787	0.59	93675	0.28	1086.56	0.75
	Upazilla_HQ	7	990995	0.69	111088	0.33	1627.90	1.12
Score: 2.81 - 4.53	City Corporation HQ	2	3837044	2.68	3649335	10.79	479.24	0.33
	District_HQ	3	1273520	0.89	348784	1.03	1161.99	0.80
	Paurashava_HQ	8	2469260	1.72	296606	0.88	3599.19	2.47
Score: 4.54 - 5.87	Upazilla_HQ	3	390081	0.27	65031	0.19	583.88	0.40
	District_HQ	5	2519846	1.76	739684	2.19	1601.36	1.10
	Paurashava_HQ	25	6986066	4.87	1014266	3.00	7359.29	5.06
Score: 5.88 - 7.14	Upazilla_HQ	11	2317757	1.62	148058	0.44	2682.81	1.84
	City Corporation HQ	1	585868	0.41	200053	0.59	376.25	0.26
	District_HQ	11	4640757	3.24	1152931	3.41	3498.42	2.40
Score: 7.15 - 8.25	Paurashava_HQ	26	8174798	5.70	1094330	3.24	8158.89	5.61
	Upazilla_HQ	21	5342976	3.73	297519	0.88	4582.16	3.15
	CAP	1	8747042	6.10	8747042	25.86	305.84	0.21
	City Corporation HQ	11	7430275	5.18	3777275	11.17	1955.38	1.34
Total	District_HQ	34	12539325	8.75	3445085	10.19	11427.67	7.85
	Paurashava_HQ	175	49317543	34.41	6839959	20.23	53715.28	36.91
	Upazilla_HQ	136	24916794	17.39	1798503	5.32	41345.23	28.41
	<b>Total</b>		<b>484</b>	<b>143321734</b>	<b>100.00</b>	<b>33819224</b>	<b>100.00</b>	<b>145547.31</b>

Data Compiled by GIS Lab UDD, 2020

Suitability Chart No 07 (b): Name of Growth Center and Ecological Suitability Considering Riverbank Erosion

Riverbank Erosion and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 0.00 - 1.05	Paurashava_HQ	4	Bhedarganj, Goalandaghat, Mehendiganj, Muladi
	Upazilla_HQ	7	Char Bhadrasan, Char Rajibpur, Chauhali, Fulchhari, Hizla, Raumari, Sadarpur
Score: 1.06 - 2.54	City Corporation HQ	2	Barisal Sadar (BCC), Chattogram City (CCC)
	District_HQ	3	Bhola Sadar, Kurigram Sadar, Nawabganj Sadar
	Paurashava_HQ	8	Bhuapur, Daulat Khan, Dewanganj, Hatiya, Kazipur, Madarganj, sariakandi, Shibganj Nawabganj
	Upazilla_HQ	3	Chilmari, Gosairhat, Haimchar
Score: 2.55 - 3.56	District_HQ	5	Faridpur Sadar, Munshiganj Sadar & Mirkadim, Pabna Sadar, Sirajganj Sadar, Tangail Sadar
	Paurashava_HQ	25	Bagha & Arani, Belkuchi, Bera, Burhanuddin, Damudya, Dohar, Haragacha (Kaunia), Ishwardi, Islampur, Khoksa, Kumarkhali, Lohagara Narail, Maheshkhali, Nageshwari, Naria, Ramgati, Sandwip, Sarishabari, Shib Char, Sitakunda, Sonagazi, Sundarganj, Teknaf, Ulipur, Zanjira
	Upazilla_HQ	11	Babuganj, Daulatpur Kushtia, Harirampur, Hatibandha, Kutubdia, Mohammadpur, Nagarpur, Phulbari, Saghatta, Sauria, Tazumuddin
Score: 3.57 - 4.21	City Corporation HQ	1	Mymensingh Sadar (MCC)
	District_HQ	11	Chandpur Sadar, Cox's Bazar Sadar, Gaibandha Sadar, Gopalganj Sadar, Jamalpur Sadar, Kushtia Sadar, Lalmonirhat Sadar, Madaripur Sadar, Manikganj Sadar, Rajbari Sadar, Sherpur Sadar
	Paurashava_HQ	26	Bakerganj, Banshkhali, Bauphal, Begumganj (Chowmuhani), Bheramara, Chakaria, Companiganj (Bashurhat) Noakhali, Gaffargaon, Gauradi, Godagari & Kakanhat, Gopalpur (Lalpur), Hossainpur, Kabirhat, Kalia, Kalihati, Kalkini, Lalmoan, Melandaha, Mirsharai (Baraiarhat), Pangsha, Poba & Katakhal & Noakhata, Raipur, Shahjapur, Singair, Sonatola, Sujanager
	Upazilla_HQ	21	Alfadanga, Anowara, Bakshiganj, Banchharampur, Bhurungamari, Daulatpur Manikganj, Dimla, Gangachara, Kaliganj Lalmonirhat, Keraniganj, Nawabganj Dhaka, Pekua, Pirgachha, Rajarhat, Shibalaya, Sreenagar, Sreepur Magura, Subarnachar, Tongibari, Ukhia

# Ecological Variables : Riverbank Erosion

Suitability Chart No 07 (b): Name of Growth Center and Ecological Suitability Considering Riverbank Erosion			
Riverbank Erosion and Ecological Suitability Index Score	Administrative Level	Growth Center (Nos)	Name of Growth Center
Score: 4.21 - 4.50	CAP	1	Dhaka City (DNCC & DSCC)
	City Corporation HQ	11	Bandar (NCC) & Tarabo, Cumilla Sadar (Cumilla CC), Gazipur Sadar (GCC & Tongi), Khan Jahan Ali (KCC), Khulna Sadar (KCC), Narayanganj Sadar (NCC) & Shiddhirganj, Rajshahi Sadar (RCC), Rangpur Sadar (Rangpur CC), South Cumilla (Cumilla CC), South Surma (Sylhet CC), Sylhet Sadar (Sylhet CC)
	District_HQ	34	Bagerhat Sadar, Bandarban Sadar, Barguna Sadar, Bogura Sadar, Brahmanbaria Sadar, Chuadanga Sadar, Dinajpur Sadar, Feni Sadar, Habiganj Sadar & Shayestaganj, Jashore Sadar, Jhalokati Sadar, Jhenaidaha Sadar, Joypurhat Sadar, Khagrachhari Sadar, Kishoreganj Sadar, Lakshimpur Sadar, Magura Sadar, Maulvi Bazar Sadar, Meherpur Sadar, Naogaon Sadar, Narail Sadar, Narsingdi Sadar & Madhabdi, Natore Sadar & Naldanga, Netrokona Sadar, Nilphamari Sadar, Noakhali Sadar, Panchagarh Sadar, Patuakhali Sadar, Pirojpur Sadar, Rangamati Sadar, Satkhira Sadar, Shariatpur Sadar, Sunamganj Sadar, Thakurgaon Sadar
	Paurashava_HQ	175	Abhaynagar, Adamdighi, Ajmiriganj, Akhaura, Akkelpur, Alamdanga, Amtali, Atgharia, Badarganj, Bagati Para, Baghai Chhari, Bagherpara, Bajitpur, Banaripara, Baraigram & Banpara, Barlekha, Barura, Beanibazar, Benapole (Sharsha), Betagi, Bhabanigonj (Baghmara) & Tahirpur, Bhairab, Bhaluka, Bhanga, Bhangura, Birampur, Birganj, Boalmari, Bochaganj (Setabganj), Boda, Chalna (Dacope), Chandanaish, Chandina, Char Fasson, Chorghat, Chatkhil, Chatmohar, Chaudagram, Chaugachha, Chhaganaiya, Chhatak, Chunarughat, Daganbhuian, Darshana (Damurhuda), Daudkandi, Debidwar, Derai, Dhamoirhat, Dharmrai, Dhanbari, dhunat, dhupchanchia, Domar, Durgapur Netrakona, Durgapur Rajshahi, Faridganj, Faridpur, Fulbari, Fulbaria, gabtali, Galachipa, Gangni, Gauripur, Ghatail, Ghoraghat, Ghorashal (Palash), Gobindaganj, Golabganj, Gopalpur, Gurudaspur, Hakimpur, Harinakunda, Haziganj, Homna, Ishwarganj, Jagannathpur, Jaldhaka, Jhikargachha, Jibannagar, Kachua Chandpur, kahaloo, Kalai, Kalapara & Kuakata, Kalaroa, Kaliakair, Kaliganj Gazipur, Kaliganj Jhenaidah, Kotalganj, Kanaighat, Karimganj, Kasba, Katiadi, Kendua, Keshabpur, Kesharhat (Mohanpur), Kotlipara, Kotchandpur, Kultura, Kular Char, Laksam, Lama, Madan, Madhabpur, Madhupur, Mahadebpur, Maheshpur, Manirampur, Manohardi, Mathbaria, Matiranga, Matlab Dakshin, Matlab Uttar (Sengarchar), Mirpur Kushtia, Mirzapur, Mohanganj, Mongla, Morrelganj Bagerhat, Muksudpur, Muktagachha, Nabiganj, Nabinagar, Nachole, Nagarkanda, Nakla, Nalchity, Nalitabari, Nandail, nandigram, Nangalkot, Nazipur (Patnitala), Nesarabad (Swarupkati), Patkgachha, Pakundia, Panchbibi, Parbatipur, Parshuram, Patgram, Patharghata, Patiya, Phulpur, Pirganj Thakurgaon, Purbadhala, Puthia, Rahanpur (Gomastapur), Ramganj, Ramgarh, Rangunia, Ranisankail, Raozan, Raypura, Royganj, Rupganj & Kanchan, Saidpur, Sakhipur, Santhia, Satkania, Savar, Senbagh, Shahrasti, Shaikupa, Shalikhia, sherpur, Shibganj Bogra, Shibpur, Singra, Sonaimuri, Sonargaon, Sreebardi, Sreemangal, Sreepur Gazipur, Tanore & mundumala, Trishal, Tungipara, Ullah Para, Zakiganj
Upazilla_HQ	136	Aditmari, Agailjhara, Alikadam, Araihasar, Ashuganj, Assasuni, Atpara, Atrai, Atwari, Austagram, Badalgachhi, Bahubal, Balaganj, Balia Kandi, Baliadangi, Bamna, Baniachong, Barhatta, Barkal, Basail, Batiaghata, Belabo, Belai Chhari, Bhandaria, Bholahat, Biral, Bishwambarpur, Bishwanath, Boalkhali, Brahman Para, Burichang, Chirirbandar, Chitalmari, Companiganj Sylhet, Dashmina, Debhata, Debiganj, Delduar, Dharampasha, Dhobaura, Dighalia, Dighinala, Dowarabazar, Dumki, Dumuria, Fakirhat, Fatikchhari, Fenchuganj, Fulgazi, Gazaria, Ghior, Gowainghat, Haluaghat, Haripur, Hathazari, Itna, Jaintiapur, Jamalganj, Jhenaigati, Jurai Chhari, Juri, Kachua Bagerhat, Kaharole, Kaliganj Satkhira, Kalmakanda, Kamarkhanda, Kanthalia, Kapasia, Kaptai, Kashiani, Kawkhali Pirojpur, Kawkhali Rangamati, Khaliajuri, Khansama, Khetlal, Kishoreganj, Koyra, Lakhai, Lakshnichhari, Langadu, Lohagara Chittagong, Madhukhali, Mahalchhari, Manda, Manikchhari, Manpara, Meghna, Mirzaganj, Mitha Pukur, Mithamain, Mollahat, Monoharganj, Morrelganj (Zianagar) Pirojpur, Mujibnagar, Muradnagar, Naikhongchhari, Naniarchar, Nasirnagar, Nawabganj Dinajpur, Nazirpur, Niamatpur, Nikli, Palashbari, Panchhari, Phultala, Pirganj Rangpur, Porsha, Rajapur, Rajasthali, Rajnagar, Rajoir, Rampal, Ramu, Raninagar, Rowangchhari, Ruma, Rupsa, Sadullapur, Sapahar, Sarail, Sarankhola, Serajdikhan, Shajahanpur (Majhira) Bogra, Shyamnagar, South Sunamganj, Sulla, Tahirpur, Tala, Taraganj, Tarail, Tarash, Tentulia, Terokhada, Thanchi, Titash, Wazirpur	

Data Compiled by GIS Lab UDD, 2020

Index score of each growth center's urban sensitivity and suitability considering riverbank erosion in alphabetical order

District	Growth center	Sensitivity	Suitability	
Bagerhat	Bagerhat Sadar	0.00	4.50	
	Chitalmari	0.20	4.30	
	Fakirhat	0.00	4.50	
	Kachua Bagerhat	0.07	4.43	
	Mollahat	0.06	4.44	
	Mongla	0.00	4.50	
	Morrelganj Bagerhat	0.05	4.45	
	Rampal	0.00	4.50	
	Sarankhola	0.00	4.50	
	Altkadam	0.00	4.50	
Bandarban	Bandarban Sadar	0.00	4.50	
	Lama	0.00	4.50	
	Naikhongchhari	0.00	4.50	
	Rowangchhari	0.00	4.50	
	Ruma	0.00	4.50	
	Thanchi	0.00	4.50	
	Amtali	0.00	4.50	
	Bamna	0.00	4.50	
	Barguna Sadar	0.00	4.50	
	Betagi	0.00	4.50	
Barguna	Patharghata	0.00	4.50	
	Agailjhara	0.00	4.50	
	Babuganj	1.58	2.92	
	Bakerganj	0.32	4.18	
	Banaripara	0.00	4.50	
	Barisal Sadar (BCC)	2.74	1.76	
	Gaurnadi	0.33	4.17	
	Hizla	4.45	0.05	
	Mehendiganj	4.50	0.00	
	Muladi	4.39	0.11	
Barisal	Wazirpur	0.00	4.50	
	Bhola Sadar	2.96	1.54	
	Burhanuddin	1.90	2.60	
	Char Fasson	0.05	4.45	
	Daulat Khan	2.77	1.73	
	Lalmohan	0.82	3.68	
	Manpara	0.00	4.50	
	Tazumuddin	1.66	2.84	
	Adamdighi	0.00	4.50	
	Bogura Sadar	0.00	4.50	
Bhola	dhunat	0.08	4.42	
	dhupchanchia	0.00	4.50	
	gabtali	0.00	4.50	
	kahaloo	0.00	4.50	
	nandigram	0.00	4.50	
	sariakandi	2.68	1.82	
	Shajahanpur (Majhira) Bogra	0.00	4.50	
	sherpur	0.00	4.50	
	Shibganj Bogra	0.00	4.50	
	Sonatola	0.71	3.79	
Brahmanbaria	Akhaura	0.00	4.50	
	Ashuganj	0.17	4.33	
	Banchharampur	0.63	3.87	
	Brahmanbaria Sadar	0.00	4.50	
	Kasba	0.00	4.50	
	Nabinagar	0.07	4.43	
	Nasirnagar	0.02	4.48	
	Sarail	0.07	4.43	
	Chandpur Sadar	0.83	3.67	
	Faridganj	0.00	4.50	
Bogra	Haimchar	2.13	2.37	
	Haziganj	0.00	4.50	
	Kachua Chandpur	0.00	4.50	
	Matlab Dakshin	0.00	4.50	
	Matlab Uttar (Sengarchar)	0.22	4.28	
	Shahrasti	0.00	4.50	
	Chandpur	Chandpur Sadar	0.00	4.50
		Faridganj	0.00	4.50
		Haimchar	2.13	2.37
		Haziganj	0.00	4.50
Kachua Chandpur		0.00	4.50	
Matlab Dakshin		0.00	4.50	
Matlab Uttar (Sengarchar)		0.22	4.28	
Shahrasti		0.00	4.50	
Chittagong		Anowara	0.62	3.88
		Banskhali	0.36	4.14
	Boalkhali	0.03	4.47	
	Chandanaish	0.05	4.45	
	Chattogram City (CCC)	2.36	2.14	
	Fatikchhari	0.00	4.50	
	Hathazari	0.00	4.50	
	Lohagara Chittagong	0.00	4.50	
	Mirsharai (Baraiarhat)	0.31	4.19	
	Patiya	0.00	4.50	
Chuadanga	Rangunia	0.04	4.46	
	Raozan	0.02	4.48	
	Sandwip	1.02	3.48	
	Satkania	0.06	4.44	
	Sitakunda	1.19	3.31	
	Alamdanga	0.00	4.50	
	Chuadanga Sadar	0.00	4.50	
	Darshana (Damurhuda)	0.00	4.50	
	Jibannagar	0.00	4.50	
	Barura	0.00	4.50	
Comilla	Brahman Para	0.00	4.50	
	Burichang	0.00	4.50	
	Chandina	0.00	4.50	
	Chaudagram	0.00	4.50	
	Cumilla Sadar (Cumilla CC)	0.00	4.50	
	Daudkandi	0.00	4.50	
	Debidwar	0.00	4.50	
	Homna	0.00	4.50	
	Laksam	0.00	4.50	
	Meghna	0.00	4.50	
Cox's Bazar	Monoharganj	0.00	4.50	
	Muradnagar	0.00	4.50	
	Nangalkot	0.00	4.50	
	South Cumilla (Cumilla CC)	0.00	4.50	
	Titash	0.00	4.50	
	Chakaria	0.80	3.70	
	Cox's Bazar Sadar	0.74	3.76	
	Kutubdia	1.09	3.41	
	Maheshkhali	1.64	2.86	
	Pekua	0.84	3.66	
Ramu	0.17	4.33		
Teknaf	1.20	3.30		
Ukhia	0.39	4.11		
Dhaka	Dhaka City (DNCC & DSCC)	0.01	4.49	
	Dhamrai	0.28	4.22	
	Dohar	1.67	2.83	
	Keraniganj	0.33	4.17	
	Nawabganj Dhaka	0.35	4.15	
	Savar	0.06	4.44	
	Biral	0.04	4.46	
	Birampur	0.00	4.50	
	Birganj	0.14	4.36	
	Bochaganj (Setabganj)	0.00	4.50	
Dinajpur	Chirirbandar	0.02	4.48	
	Dinajpur Sadar	0.05	4.45	
	Fulbari	0.00	4.50	
	Ghoraghat	0.00	4.50	
	Hakimpur	0.00	4.50	
	Kaharole	0.05	4.45	
	Khansama	0.09	4.41	
	Faridpur	Nawabganj Dinajpur	0.00	4.50
		Parbatipur	0.00	4.50
		Alfadanga	0.86	3.64
Bhanga		0.21	4.29	
Boalmari		0.00	4.50	
Char Bhadrason		4.47	0.03	
Faridpur Sadar		1.67	2.83	
Madhukhali		0.13	4.37	
Nagarkanda		0.04	4.46	
Sadarpur		3.45	1.05	
Feni	Chhaganaiya	0.02	4.48	
	Daganbhuian	0.22	4.28	
	Feni Sadar	0.04	4.46	
	Fulgazi	0.00	4.50	
	Parshuram	0.00	4.50	
	Sonagazi	1.31	3.19	
	Fulchhari	3.78	0.72	
	Gaibandha Sadar	0.64	3.86	
	Gobindaganj	0.00	4.50	
	Palashbari	0.00	4.50	
Gaibandha	Darshana (Damurhuda)	0.00	4.50	
	Sadullapur	0.00	4.50	
	Saghatta	1.43	3.07	
	Sundarganj	1.17	3.33	
	Gazipur Sadar (GCC & Tongi)	0.00	4.50	
	Kaliakair	0.03	4.47	
	Kaliganj Gazipur	0.00	4.50	
	Kapasia	0.01	4.49	
	Sreepur Gazipur	0.00	4.50	
	Gopalganj Sadar	0.40	4.10	
Gazipur	Kashiani	0.18	4.32	
	Kotalipara	0.00	4.50	
	Muksudpur	0.00	4.50	
	Tungipara	0.17	4.33	
	Ajmiriganj	0.00	4.50	
	Bahubal	0.03	4.47	
	Baniachong	0.00	4.50	
	Chunarughat	0.00	4.50	
	Habiganj Sadar & Shayestaganj	0.00	4.50	
	Lakhai	0.00	4.50	
Gopalganj	Madhabpur	0.00	4.50	
	Nabiganj	0.06	4.44	
	Bakshiganj	0.32	4.18	
	Dewanganj	2.05	2.45	
	Islampur	1.66	2.84	
	Jamalpur Sadar	0.35	4.15	
	Madarganj	2.01	2.49	
	Melandaha	0.53	3.97	
	Sarishabari	1.47	3.03	
	Habiganj	Abhaynagar	0.00	4.50
Bagherpara		0.00	4.50	
Benapole (Sharsha)		0.00	4.50	
Chaugachha		0.00	4.50	
Jashore Sadar		0.00	4.50	
Jhikargachha		0.00	4.50	
Keshabpur		0.00	4.50	
Manirampur		0.00	4.50	
Jhalokati Sadar		0.00	4.50	
Kanthatia		0.00	4.50	
Jamalpur	Nalchity	0.06	4.44	
	Rajapur	0.00	4.50	
	Harinakunda	0.00	4.50	
	Jhenaidaha Sadar	0.00	4.50	
	Kaliganj Jhenaidah	0.00	4.50	
	Kotchandpur	0.00	4.50	
	Maheshpur	0.00	4.50	
	Shaikupa	0.24	4.26	
	Jessore	Abhaynagar	0.00	4.50
		Bagherpara	0.00	4.50
Benapole (Sharsha)		0.00	4.50	
Chaugachha		0.00	4.50	
Jashore Sadar		0.00	4.50	
Jhikargachha		0.00	4.50	
Keshabpur		0.00	4.50	
Manirampur		0.00	4.50	
Jhalokati Sadar		0.00	4.50	
Kanthatia		0.00	4.50	
Jhalokati	Nalchity	0.06	4.44	
	Rajapur	0.00	4.50	
	Harinakunda	0.00	4.50	
	Jhenaidaha Sadar	0.00	4.50	
	Kaliganj Jhenaidah	0.00	4.50	
	Kotchandpur	0.00	4.50	
	Maheshpur	0.00	4.50	
	Shaikupa	0.24	4.26	
	Jhenaidah	Abhaynagar	0.00	4.50
		Bagherpara	0.00	4.50
Benapole (Sharsha)		0.00	4.50	
Chaugachha		0.00	4.50	
Jashore Sadar		0.00	4.50	
Jhikargachha		0.00	4.50	
Keshabpur		0.00	4.50	
Manirampur		0.00	4.50	
Jhalokati Sadar		0.00	4.50	
Kanthatia		0.00	4.50	



# Ecological Variables : Riverbank Erosion

Index score of each growth center's urban sensitivity and suitability considering riverbank erosion in alphabetical order

District	Growth center	Sensitivity	Suitability
Joypurhat	Akkelpur	0.00	4.50
	Joypurhat Sadar	0.00	4.50
	Kalai	0.00	4.50
	Khetlal	0.00	4.50
	Panchbibi	0.00	4.50
Khagrachhari	Dighinala	0.00	4.50
	Khagrachhari Sadar	0.00	4.50
	Lakshmichhari	0.00	4.50
	Mahalchhari	0.00	4.50
	Manikchhari	0.00	4.50
	Matiranga	0.00	4.50
	Panchhari	0.00	4.50
	Ramgarh	0.00	4.50
	Batiaghata	0.00	4.50
	Chalna (Dacope)	0.00	4.50
Khulna	Dighalia	0.00	4.50
	Dumuria	0.00	4.50
	Khan Jahan Ali (KCC)	0.00	4.50
	Khulna Sadar (KCC)	0.00	4.50
	Koyra	0.00	4.50
Kishoreganj	Paikgachha	0.00	4.50
	Phultala	0.00	4.50
	Rupsa	0.00	4.50
	Terokhada	0.00	4.50
	Austagram	0.16	4.34
	Bajitpur	0.00	4.50
	Bhairab	0.10	4.40
	Hossainpur	0.53	3.97
	Itna	0.00	4.50
	Karimganj	0.03	4.47
Kurigram	Katiadi	0.00	4.50
	Kishoreganj Sadar	0.00	4.50
	Kuliar Char	0.00	4.50
	Mithamain	0.18	4.32
	Nikli	0.09	4.41
	Pakundia	0.21	4.29
	Tarail	0.00	4.50
	Bhurungamari	0.91	3.59
	Char Rajibpur	4.37	0.13
	Chilmari	3.17	1.33
Kushtia	Kurigram Sadar	2.54	1.96
	Nageshwari	1.23	3.27
	Phulbari	1.05	3.45
	Rajarhat	0.48	4.02
	Raumari	4.21	0.29
	Ulipur	1.79	2.71
	Bheramara	0.83	3.67
	Daulatpur Kushtia	1.72	2.78
	Khoksa	1.01	3.49
	Kumarkhali	1.41	3.09
Lalmonirhat	Kushtia Sadar	0.39	4.11
	Mirpur Kushtia	0.26	4.24
	Lakshmipur Sadar	0.21	4.29
	Raipur	0.30	4.20
	Ramganj	0.00	4.50
	Ramgati	1.15	3.35
	Aditmari	0.18	4.32
	Hatibandha	1.29	3.21
	Kaliganj Lalmonirhat	0.68	3.82
	Lalmonirhat Sadar	0.77	3.73
Madaripur	Patgram	0.01	4.49
	Kalkini	0.40	4.10
	Madaripur Sadar	0.37	4.13
	Rajoir	0.00	4.50
	Shib Char	1.26	3.24
	Magura Sadar	0.15	4.35
	Mohammadpur	1.26	3.24
	Shalikha	0.00	4.50
	Sreepur Magura	0.45	4.05

District	Growth center	Sensitivity	Suitability	
Manikganj	Daulatpur Manikganj	0.66	3.84	
	Ghior	0.14	4.36	
	Harirampur	1.10	3.40	
	Manikganj Sadar	0.46	4.04	
	Saturia	1.09	3.41	
Maulvibazar	Shibalaya	0.62	3.88	
	Singair	0.30	4.20	
	Barlekha	0.00	4.50	
	Juri	0.00	4.50	
	Kamalganj	0.00	4.50	
	Kulaura	0.00	4.50	
	Maulvi Bazar Sadar	0.00	4.50	
	Rajnagar	0.00	4.50	
	Sreemangal	0.00	4.50	
	Meherpur	Gangni	0.00	4.50
Meherpur Sadar		0.00	4.50	
Mujibnagar		0.00	4.50	
Munshiganj		Gazaria	0.06	4.44
		Lohajang	0.41	4.09
	Munshiganj Sadar & Mirkadim	1.01	3.49	
	Serajdikhan	0.21	4.29	
	Sreenagar	0.33	4.17	
	Tongibari	0.34	4.16	
	Mymensingh	Bhaluka	0.00	4.50
		Dhobaura	0.00	4.50
		Fulbaria	0.00	4.50
		Gaffargaon	0.51	3.99
Gauripur		0.17	4.33	
Haluaghat		0.00	4.50	
Ishwarganj		0.07	4.43	
Mukttagachha		0.01	4.49	
Mymensingh Sadar (MCC)		0.75	3.75	
Nandail		0.03	4.47	
Naogaon	Phulpur	0.02	4.48	
	Trishal	0.13	4.37	
	Atrai	0.00	4.50	
	Badalgachhi	0.00	4.50	
	Dhamoirhat	0.00	4.50	
	Mahadebpur	0.00	4.50	
	Manda	0.00	4.50	
	Naogaon Sadar	0.00	4.50	
	Nazipur (Patnitala)	0.00	4.50	
	Niamatpur	0.00	4.50	
Narail	Porsha	0.00	4.50	
	Raninagar	0.00	4.50	
	Sapahar	0.00	4.50	
	Katia	0.57	3.93	
	Lohagara Narail	1.40	3.10	
	Narail Sadar	0.02	4.48	
	Araihazar	0.03	4.47	
	Narayanganj	Bandar (NCC) & Tarabo	0.00	4.50
		Narayanganj Sadar (NCC) & Shiddhirganj	0.29	4.21
		Rupganj & Kanchan	0.00	4.50
Sonargaon		0.06	4.44	
Betabo		0.00	4.50	
Narsingdi		Ghorashat (Palash)	0.00	4.50
		Manohardi	0.00	4.50
		Narsingdi Sadar & Madhabdi	0.05	4.45
		Raypura	0.02	4.48
		Shibpur	0.00	4.50

District	Growth center	Sensitivity	Suitability	
Natore	Bagati Para	0.00	4.50	
	Baraigram & Banpara	0.00	4.50	
	Gopalpur (Lalpur)	0.73	3.77	
	Gurudaspur	0.00	4.50	
	Natore Sadar & Naldanga	0.00	4.50	
Nawabganj	Singra	0.00	4.50	
	Bholahat	0.00	4.50	
	Nachole	0.00	4.50	
	Nawabganj Sadar	2.52	1.98	
	Rahanpur (Gomastapur)	0.00	4.50	
	Shibganj Nawabganj	2.22	2.28	
	Atpara	0.00	4.50	
	Barhatta	0.00	4.50	
	Durgapur Netrakona	0.00	4.50	
	Kalmakanda	0.00	4.50	
Netrakona	Kendua	0.00	4.50	
	Khaliajuri	0.00	4.50	
	Madan	0.00	4.50	
	Mohanganj	0.00	4.50	
	Netrokona Sadar	0.00	4.50	
	Purbadhala	0.00	4.50	
	Nilphamari	Dimla	0.94	3.56
		Domar	0.00	4.50
		Jaldhaka	0.24	4.26
		Kishoreganj	0.06	4.44
Nilphamari Sadar		0.00	4.50	
Saidpur		0.00	4.50	
Noakhali		Begumganj (Chowmuhani)	0.36	4.14
		Chatkhil	0.00	4.50
		Companiganj (Bashurhat) Noakhali	0.47	4.03
		Hatiya	2.84	1.66
	Kabirhat	0.67	3.83	
	Noakhali Sadar	0.24	4.26	
	Senbagh	0.21	4.29	
	Sonaimuri	0.00	4.50	
	Subarnachar	0.57	3.93	
	Atgharia	0.00	4.50	
Pabna	Bera	1.66	2.84	
	Bhangura	0.00	4.50	
	Chatmohar	0.00	4.50	
	Faridpur	0.00	4.50	
	Ishwardi	1.10	3.40	
	Pabna Sadar	1.71	2.79	
	Santhia	0.00	4.50	
	Sujanagar	0.49	4.01	
	Panchagarh	Atwari	0.00	4.50
		Boda	0.02	4.48
Debiganj		0.01	4.49	
Panchagarh Sadar		0.01	4.49	
Tentulia		0.00	4.50	
Narayanganj Sadar (NCC) & Shiddhirganj		0.53	3.97	
Dashmina		0.07	4.43	
Dumki		0.00	4.50	
Galachipa		0.00	4.50	
Kalapara & Kuakata		0.00	4.50	
Patuakhali	Mirzaganj	0.00	4.50	
	Patuakhali Sadar	0.00	4.50	
	Bhandaria	0.00	4.50	
	Kawkhali Pirojpur	0.00	4.50	
	Mathbaria	0.00	4.50	
	Pirojpur	Morrelganj (Zianagar) Pirojpur	0.08	4.42
		Nazirpur	0.27	4.23
		Nesarabad (Swarupkati)	0.00	4.50
		Pirojpur Sadar	0.13	4.37

Index score of each growth center's urban sensitivity and suitability considering riverbank erosion in alphabetical order

District	Growth center	Sensitivity	Suitability
Rajbari	Balia Kandi	0.01	4.49
	Goalandaghat	4.50	0.00
	Pangsha	0.52	3.98
	Rajbari Sadar	0.79	3.71
	Bagha & Arani	1.16	3.34
Rajshahi	Bhabanigonj (Baghmara) & Tahirpur	0.00	4.50
	Charghat	0.06	4.44
	Durgapur Rajshahi	0.00	4.50
	Godagari & Kakanhat	0.38	4.12
	Kesharhat (Mohanpur)	0.00	4.50
	Poba & Katakhal & Noahata	0.84	3.66
	Puthia	0.00	4.50
	Rajshahi Sadar (RCC)	0.13	4.37
	Tanore & mundumala	0.00	4.50
	Rangamati	Baghai Chhari	0.00
Barkal		0.00	4.50
Belai Chhari		0.00	4.50
Jurai Chhari		0.00	4.50
Kaptai		0.00	4.50
Kawkhali Rangamati		0.00	4.50
Langadu		0.00	4.50
Naniarchar		0.00	4.50
Rajasthali		0.00	4.50
Rangamati Sadar		0.00	4.50
Rangpur	Badarganj	0.00	4.50
	Gangachara	0.58	3.92
	Haragacha (Kaunia)	1.01	3.49
	Mitha Pukur	0.00	4.50
	Pirgachha	0.45	4.05
	Pirganj Rangpur	0.00	4.50
	Rangpur Sadar (Rangpur CC)	0.00	4.50
	Taraganj	0.00	4.50

District	Growth center	Sensitivity	Suitability	
Satkhira	Assasuni	0.00	4.50	
	Debhata	0.00	4.50	
	Kalaroa	0.00	4.50	
	Kaliganj Satkhira	0.00	4.50	
	Satkhira Sadar	0.00	4.50	
	Shyamnagar	0.00	4.50	
	Tala	0.00	4.50	
	Shariatpur	Bhedarganj	3.60	0.90
		Damudya	1.10	3.40
		Gosairhat	2.41	2.09
Godagari & Naria		1.16	3.34	
Shariatpur Sadar		0.15	4.35	
Zanjira		1.51	2.99	
Sherpur		Jhenaigati	0.00	4.50
		Nakla	0.10	4.40
		Nalitabari	0.00	4.50
		Sherpur Sadar	0.66	3.84
	Sreebardi	0.00	4.50	
	Sirajganj	Belkuchi	1.44	3.06
		Chauhali	4.42	0.08
		Kamarkhanda	0.08	4.42
		Kazipur	2.90	1.60
		Royganj	0.00	4.50
Shahjadpur		0.58	3.92	
Sirajganj Sadar		1.29	3.21	
Tarash		0.00	4.50	
Ullah Para		0.02	4.48	
Sunamganj		Bishwambarpur	0.01	4.49
	Chhatak	0.09	4.41	
	Derai	0.02	4.48	
	Dharampasha	0.00	4.50	
	Dowarabazar	0.04	4.46	
	Jagannathpur	0.03	4.47	
	Jamalganj	0.03	4.47	
	South Sunamganj	0.07	4.43	
	Sulla	0.01	4.49	
	Sunamganj Sadar	0.10	4.40	
Tahirpur	0.00	4.50		

District	Growth center	Sensitivity	Suitability
Sylhet	Balaganj	0.00	4.50
	Beanibazar	0.00	4.50
	Bishwanath	0.00	4.50
	Companiganj Sylhet	0.00	4.50
	Fenchuganj	0.00	4.50
	Golabganj	0.00	4.50
	Gowainghat	0.00	4.50
	Jaintiapur	0.00	4.50
	Kanaighat	0.00	4.50
	South Surma (Sylhet CC)	0.00	4.50
Tangail	Sylhet Sadar (Sylhet CC)	0.00	4.50
	Zakiganj	0.00	4.50
	Basail	0.01	4.49
	Bhuapur	2.31	2.19
	Delduar	0.10	4.40
	Dhanbari	0.00	4.50
	Ghatal	0.00	4.50
	Gopalpur	0.04	4.46
	Kalihati	0.65	3.85
	Madhupur	0.00	4.50
Thakurgaon	Mirzapur	0.03	4.47
	Nagarpur	1.13	3.37
	Sakhipur	0.00	4.50
	Tangail Sadar	1.96	2.54
	Baliadangi	0.00	4.50
	Haripur	0.00	4.50
	Pirganj Thakurgaon	0.00	4.50
	Ranisankail	0.00	4.50
	Thakurgaon Sadar	0.00	4.50

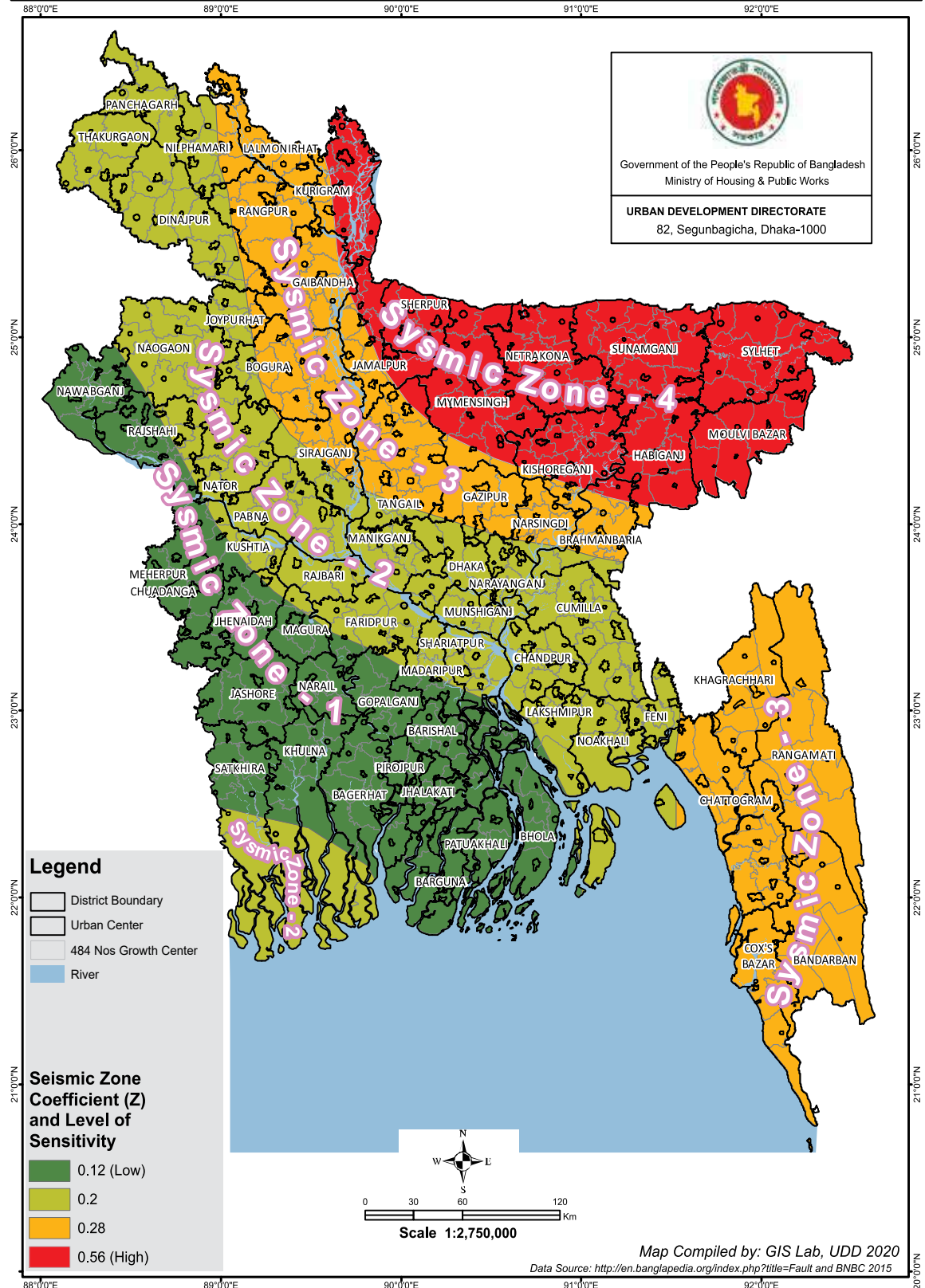
Data Compiled by GIS Lab UDD, 2020

## Riverbank Erosion

Riverbank erosion is a recurrent natural hazard of Bangladesh. It plays a major role in natural hazard induced population displacement, livelihood disruption and property loss. All 5 (five) major rivers of the country such as the Padma, the Meghna, the Jamuna, the Surma and the Brahmaputra cause riverbank erosion. Settlements alongside the Padma and the Meghna suffer from riverbank erosion most.

# Ecological Variables : Seismic Zone

**Information Map 08** Seismic Zone of Bangladesh



**Sensitivity Map 08** Comparative Seismic Sensitivity Index of Growth Center in Bangladesh

