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**CONVENTION ON THE PREVENTION OF MARINE POLLUTION BY DUMPING
OF WASTES AND OTHER MATTER, 1972 AND ITS 1996 PROTOCOL**

Final report on permits issued in 2014

1 A summary report on dumping activities of Contracting Parties covering the year 2014 is attached hereto.

2 This report, which is attached hereto in English only, has been compiled by the Secretariat on the basis of the submissions received from Contracting Parties, directly or through regional bodies responsible for implementing instruments related to dumping or incineration of wastes at sea. Maps showing the locations of the wastes dumped have been included where provided.

3 The report covers in principle only permits issued in 2014, or where indicated, data on amounts actually dumped under permits issued in 2014 or in earlier years. Note that some of the actual dumping activities envisaged in the recorded permits may have taken place after 2014.

4 The permits in this report are categorized in accordance with Annex 1 to the London Protocol.

5 The use in this document of particular designations of countries and territories does not imply any judgement by the Secretariat as to the legal status of such countries or territories, of their authorities and institutions or of the delimitation of their boundaries.

6 In 2014 there were **87** States registered as Parties to the Convention and **45** States registered as Contracting Parties to the Protocol, **36** of which were also Party to the Convention. A total of **37** Parties provided reports on their dumping activities.

7 Contracting Parties are invited to take note of this report.

REPORT ON PERMITS ISSUED IN 2014

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ANNEX 1

INFORMATION ON CONTRACTING PARTIES REPORTS
ON DUMPING ACTIVITIES IN 2014

Table 1: Number of permits issued for disposal at sea in 2014

Received by the Secretariat as at 31st January 2018 - includes dumping activities in internal waters

COUNTRY	Number of Permits	No Information Supplied	COUNTRY	Number of Permits	No Information Supplied
AFGHANISTAN		X	MARSHALL ISLANDS ⁽⁹⁾	1	
ANGOLA ⁽¹⁾		X	MEXICO		X
ANTIGUA/BARBUDA		X	MONACO		X
ARGENTINA ⁽⁶⁾	NIL		MONTENEGRO		X
AUSTRALIA ^(4, 7)	18		MOROCCO		X
AZERBAIJAN		X	NAURU		X
BARBADOS	NIL		NETHERLANDS	NI	
BELARUS		X	NEW ZEALAND	20	
BELGIUM	8		NIGERIA		X
BENIN		X	NORWAY	11	
BOLIVIA (PLURINATIONAL STATE OF)		X	OMAN		X
BRAZIL	22		PAKISTAN		X
BULGARIA		X	PANAMA ⁽⁹⁾	8	
CANADA	80		PAPUA NEW GUINEA		X
CABO VERDE		X	PERU	2	
CHILE	1		PHILIPPINES	4	
CHINA	356		POLAND	9	
- HONG KONG, CHINA ⁽³⁾	221		PORTUGAL	10	
COSTA RICA		X	REPUBLIC OF CONGO		X
COTE D'IVOIRE		X	REPUBLIC OF KOREA	10	
CROATIA		X	RUSSIAN FEDERATION		X
CUBA		X	SAINT KITTS AND NEVIS		X
CYPRUS		X	SAINT LUCIA		X
DEM. REP. CONGO		X	SAINT VINCENT AND THE GRENADINES		X
DENMARK	77		SAUDI ARABIA		X
DOMINICAN REP.		X	SERBIA ⁽²⁾		X
EGYPT	10		SEYCHELLES		X
EQUATORIAL GUINEA		X	SIERRA LEONE		X
ESTONIA	5		SLOVENIA	NIL	
FINLAND	8		SOLOMON ISLANDS		X
FRANCE ⁽⁸⁾	75		SOUTH AFRICA	8	
GABON		X	SPAIN	24	
GEORGIA		X	SURINAME		X
GERMANY	87		SWEDEN	22	
GHANA		X	SWITZERLAND		X
GREECE		X	SYRIAN ARAB REPUBLIC		X
GUATEMALA		X	TONGA		X
HAITI		X	TRINIDAD AND TOBAGO		X
HONDURAS		X	TUNISIA		X
HUNGARY		X	UKRAINE	NIL	
ICELAND	8		UNITED ARAB EMIRATES		X
ISLAMIC REPUBLIC OF IRAN		X	UNITED KINGDOM	141	
IRELAND	7		UNITED REPUBLIC OF TANZANIA		X
ITALY	8		UNITED STATES	72	
JAMAICA	2		URUGUAY		X
JAPAN	19		VANUATU	NIL	
JORDAN		X	YEMEN		X
KENYA		X			
KIRIBATI		X			
LIBYA		X			
LUXEMBOURG		X			
MALTA		X			
			TOTAL	1,354	
			Contracting Parties not reporting:		61

Notes:

(1) Countries are Party to the London Protocol only (bolded)

(2) Formerly reported under Yugoslavia

(3) China ratification is effective in respect of Hong Kong, China, which is however, reporting independently

(4) In 2014 there were 87 Parties to the Convention and 45 to the Protocol, 36 of who are also Party to the Convention (shaded); 98 Parties in total

(5) NI - no information received on number of permits, only amounts disposed

(6) NIL - Report submitted, no dumping permits issued

(7) In addition, 36 multiyear permits were valid in 2014

(8) One permit under Article 8 of the London Protocol

(9) One permit submitted by agent/surveyor/monitor (spoilt cargo)

Table 2.1 Information on permits issued in 2014 for disposal at sea in East Atlantic and adjacent waters (Northern and North Western Europe and Africa)

Country	Type of waste	Number permits issued	Quantity licensed or disposed (in tonnes) ^{2/}					Location of site(s) ^{1/}
			Atlantic Ocean	North Sea	English Channel	Irish Sea	Other Areas	
BELGIUM	Dredged material <i>Maintenance dredging</i>	^{3/} 8		29,123,280				North Sea
DENMARK	Dredged material	77					5,318,224	North Sea, Kattegat, Skagerrak
EGYPT	Dredged material	^{3/} 8					3,550,686	Mediterranean and Red Seas
	<i>Maintenance and capital dredging</i> Platform	^{4/} 2					800	Mediterranean Sea
ESTONIA	Dredged material <i>Maintenance dredging</i>	5					128,724	Baltic Sea
FINLAND	Dredged material	8					1,536,686	Gulfs of Finland, Bothnia and Turku
FRANCE	Dredged material							
	<i>Maintenance dredging</i>	64					23,857,451	North East Atlantic and North Sea
	<i>Capital dredging</i> <i>Maintenance dredging</i>	4 4					3,750,301 263,584	North East Atlantic and North Sea Mediterranean Sea
GERMANY	Dredged material	87		36,177,502				North Sea
ICELAND	Dredged material <i>Maintenance and capital dredging</i>	8	389,564					
IRELAND	Dredged material	7					680,521	Location not specified
ITALY	Dredged material							
	<i>Maintenance dredging</i> <i>Capital dredging</i>	^{5/} 7 1					45,905 7,070	Adriatic Sea Adriatic Sea
NETHERLANDS	Dredged material	^{7/} Nil		26,173,155				
NORWAY	Dredged material	8		85,920				
	Inert material	^{8/} 3		3,040,200				Rocks from tunneling works
POLAND	Dredged material <i>Maintenance and capital dredging</i>	9					1,553,300	Baltic Sea
PORTUGAL	Dredged material	10	1,778,398					North East Atlantic
		^{6/} 1	9,698					
SOUTH AFRICA	Dredged material							
	<i>Maintenance and capital dredging</i> Other	^{3/} 1 1	2,116,388 26,000					South East Atlantic South East Atlantic
SPAIN	Dredged material <i>Maintenance and capital dredging</i>	24	8,032,676					North East Atlantic
SWEDEN	Dredged material							
	<i>Maintenance dredging</i> <i>Capital dredging</i>	14 8					335,271 1,108,651	Baltic Sea Baltic Sea
UNITED KINGDOM	Dredged material	139					14,608,281	United Kingdom waters
	Other	2					2,120	Sea-weed

^{1/} Figures refer to maps in annex 2 and to dumpsite codes indicated in these maps (not included in draft).

^{2/} Dumped amount in tonnes dry-weight, unless otherwise indicated.

^{3/} Amount reported in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

^{4/} Part of the quantity was dumped in land.

^{5/} Multi-year permits (2013-2014-2015).

^{6/} Permitted quantity for dumping.

^{7/} Amount reported in wet weight.

^{8/} Tonnes licensed.

Table 2.2 Information on permits issued in 2014 for disposal at sea in Indian Ocean, Western Pacific and adjacent waters (East Asia, Australasia)

Country	Type of waste	Number of permits issued	Quantity licensed or disposed (in tonnes) ^{2/}				Location of site(s) ^{1/}
			South West Pacific	East Asian Seas	Indian Ocean	Other	
AUSTRALIA	Dredged material	^{3/}					
	Maintenance dredging	^{4/}	7		378,299	515,448	Arafura Sea
						180,932	Bass Strait
						1,658,873	Coral Sea
						891,069	Western Pacific
	Capital dredging	^{5/}	3		16,161,522	3009 m ³	Western Pacific
	Sewage sludge	^{6/}	3			391,000 litres	Coral Sea
	Vessels and platforms or other man-made structures at sea						
	Riser Turret mooring (RTM)	^{7/}	0		1 (RTM)		
	Organic material of natural origin		5		1 burial	4 burials	Western Pacific
CHINA	Dredged material	^{3/}	356		188,342,570		
	Maintenance and capital dredging						
Hong Kong, China	Dredged material	^{3/}	221		35,105,980		
	Maintenance and capital dredging						
JAPAN	Dredged material		15			2,536,893	Western Pacific and adjacent waters
	Maintenance dredging						
	Inert inorganic geological material		4			1,022,188	
MARSHALL ISLANDS	Spoilt cargo		1			1,500	34.3 N, 12.00 W
	Damaged granulated sulphur	^{8/}					
NEW ZEALAND	Dredged material	^{3/}	8	957,964			South West Pacific
	Maintenance dredging		7	319,524			South West Pacific
	Capital dredging						
	Platforms		1				
	Carbon steel well head						
	Organic material of natural origin		2				2 South West Pacific
	Burial						
	Sewage/wastewater	^{10/}	2	8,760,000			South West Pacific
PHILIPPINES	Dredged material		3		9,895		
	Maintenance dredging						
	Organic material of natural origin		1		174,200		5 mile radius of Lat 0.00, Long 078.00 East
	slops/organic waste						
PANAMA	Spoilt cargo		1		425 MT		
	Wet damaged bulk wheat						
REPUBLIC OF KOREA	Dredged material		3		124,025		
	Maintenance dredging		3		7,956		
	Fish waste		3		71,864		
	Sewage sludge		1		1,584		
	Organic material of natural origin						
SOUTH AFRICA	Dredged material		6		2,116,388		Mainly Indian Ocean
	Maintenance and capital dredging	^{3/}					
	Spoilt cargo		1		26,000		
	Coal	^{9/}					
	Vessel		1				Indian Ocean
	Aft section of a vessel wreck	^{9/}					

^{1/} Figures refer to maps in annex 2 and to dumpsite codes indicated in these maps (not included in draft).

^{2/} Amount in tonnes dry-weight or as indicated.

^{3/} Amount reported in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

^{4/} Making a total of 20 active permits in 2014.

^{5/} Making a total of 21 active permits in 2014.

^{6/} Making a total of seven active permits in 2014.

^{7/} One multi-year permit is active in 2014.

^{8/} Information or part thereof submitted by agent/surveyor/monitor.

^{9/} Permit issued under article 8 of the London Protocol.

^{10/} Cubic metres via pipeline

Table 2.3: Information on permits issued in 2014 for disposal at sea in West Atlantic, Eastern Pacific and adjacent waters (North, Central, South America and Caribbean)

Country	Type of waste	Number of permits issued	Quantity licensed or disposed (in tonnes) ^{2/}				Location of site(s) ^{1/}
			W Atlantic Ocean	E Pacific Ocean	Arctic seas	Other areas	
BRAZIL	Dredged material ^{3/}	22	45,608,308				
CANADA	Dredged material	41	870,675	3,019,654			14° 36' N, 061° 24' W, 3000 metres
	Maintenance dredging						
	Inert material	2		271,410			
	Fish waste	36	19,069				
CHILE	Vessels	1		2,880			
	Dredged material ^{3/}	1		721,500			
FRANCE	Dredged material						
	Maintenance dredging	2	3,587,125				
JAMAICA	Vessel ^{4/}	1					
	Dredged material						
	Maintenance dredging	1	210,000				
PANAMA	Capital dredging	1	6,387,486				
	Dredged material						
	Maintenance dredging	5	859,300	1,430,000			
PERU	Capital dredging	2	119,600	110,500			
	Dredged material	2		1,334,197			
UNITED STATES	Dredged material						
	Maintenance dredging ^{3/}	10			6,876,835		
	Capital dredging	58			33,561,059		
	Vessel ^{6/}	1			2,241		
	Organic, Bulky and Emergency ^{5/}	3			0		

1/ Map figures, where appropriate, refer to maps in annex 2 and to dumpsite codes indicated (not included in draft).

2/ Dumped amount in tonnes dry-weight (i.e., dredged material).

3/ Dumped amount in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

4/ Vessel 'Cosette' dumped under article 8.1 of the London Protocol. The weight of the vessel was 'unknown'.

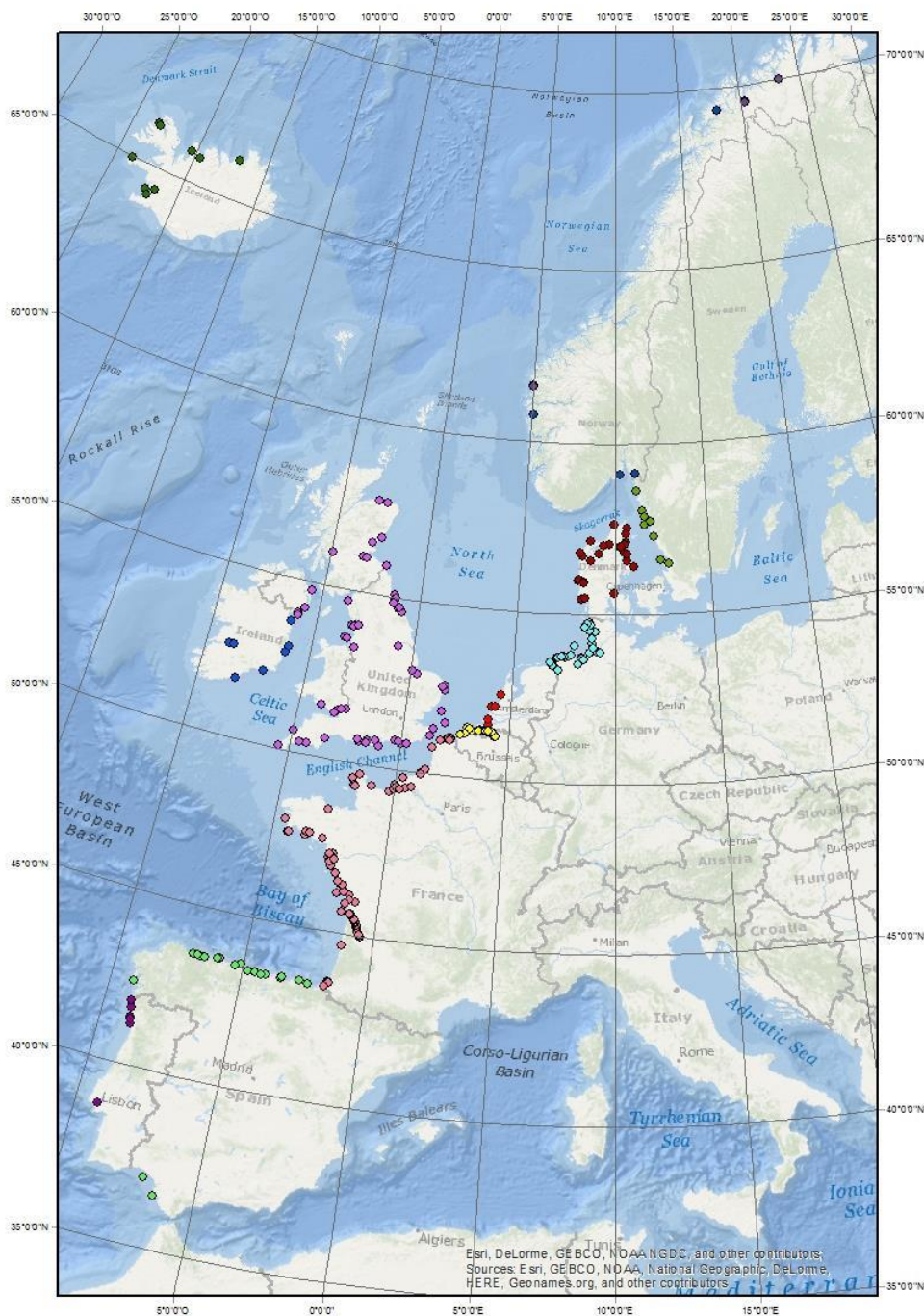
5/ Three general permits issued but unused in 2014.

6/ Four vessels were dumped. All disposal sites are greater than 12 miles from the nearest land, and in water deeper than 300 feet (50 fathoms).

ANNEX 2

MAPS INDICATING SITES FOR DUMPING ACTIVITIES IN 2014

Map 1: Dumping sites in the OSPAR region 2014



Locations of sites used in 2014 for the deposit of dredged material and other wastes in the OSPAR Area. Each site is represented by a point, not by its spatial extent.

From: OSPAR annual report on Dumping and Placement of wastes or other matter at sea in 2014, available online at <https://www.ospar.org/documents?v=35412>

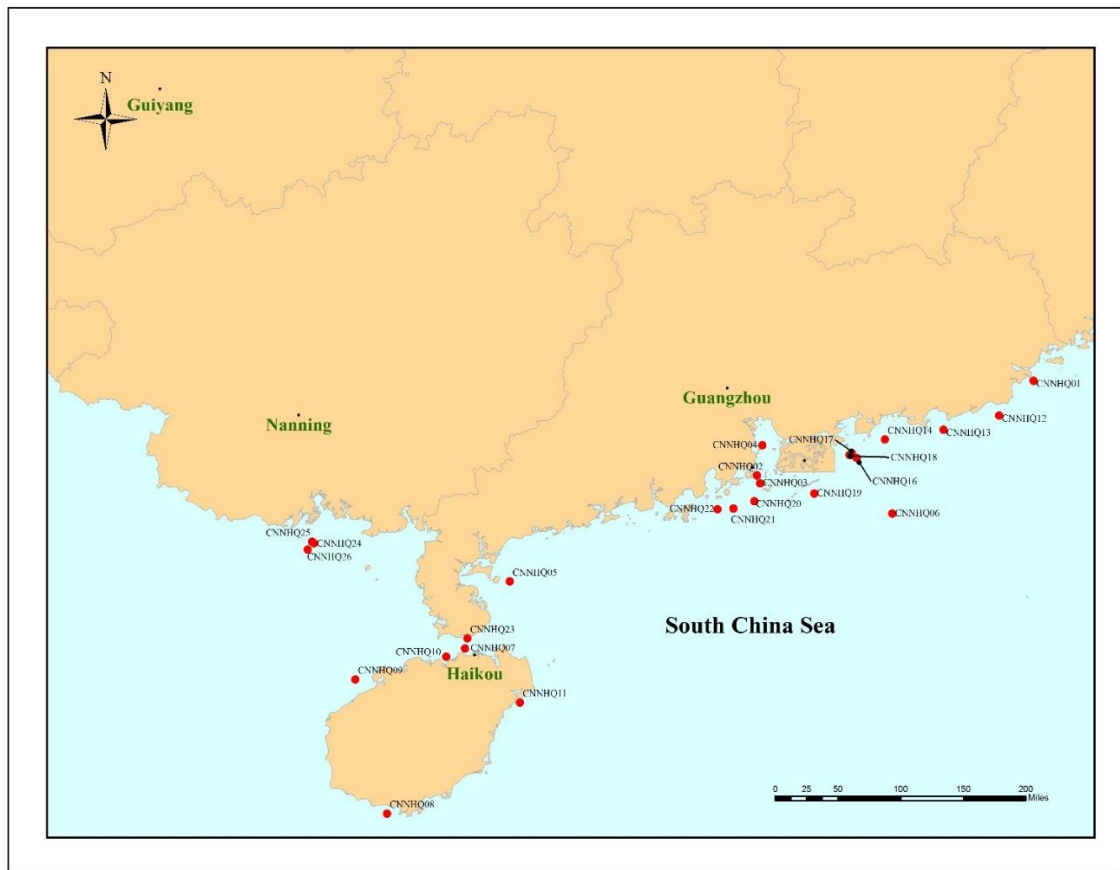
Map 2: Dumping sites in China 2014



Dumping sites monitored in Bohai Sea & Yellow Sea in 2014

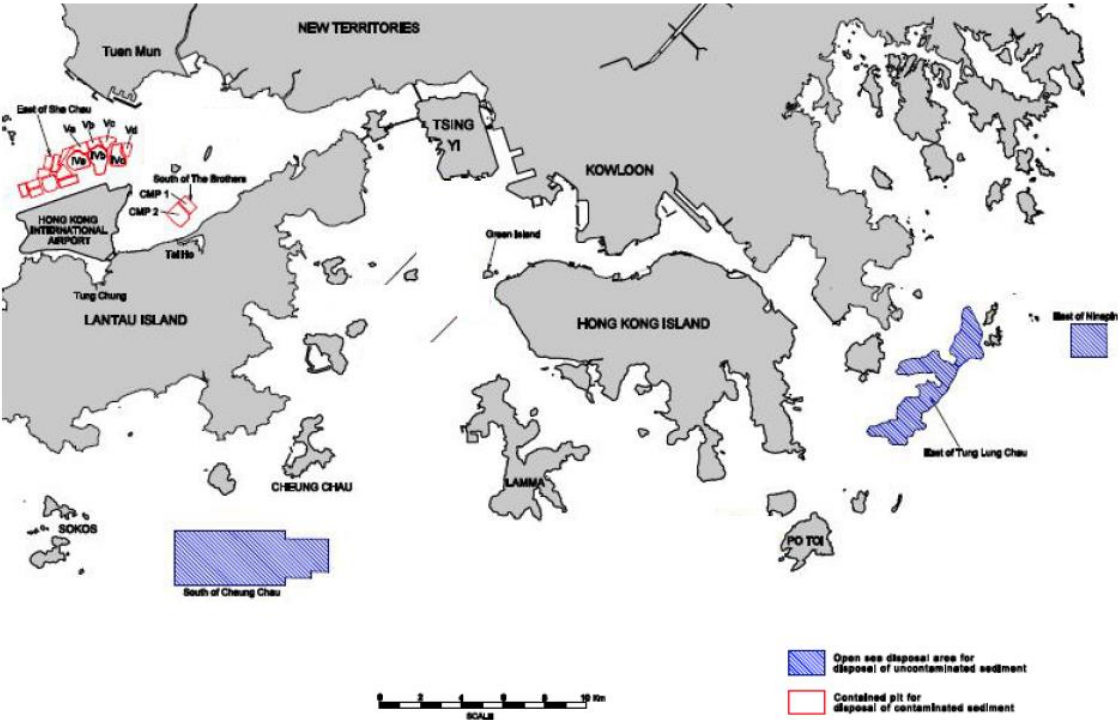


Dumping sites monitored in East China Sea in 2014



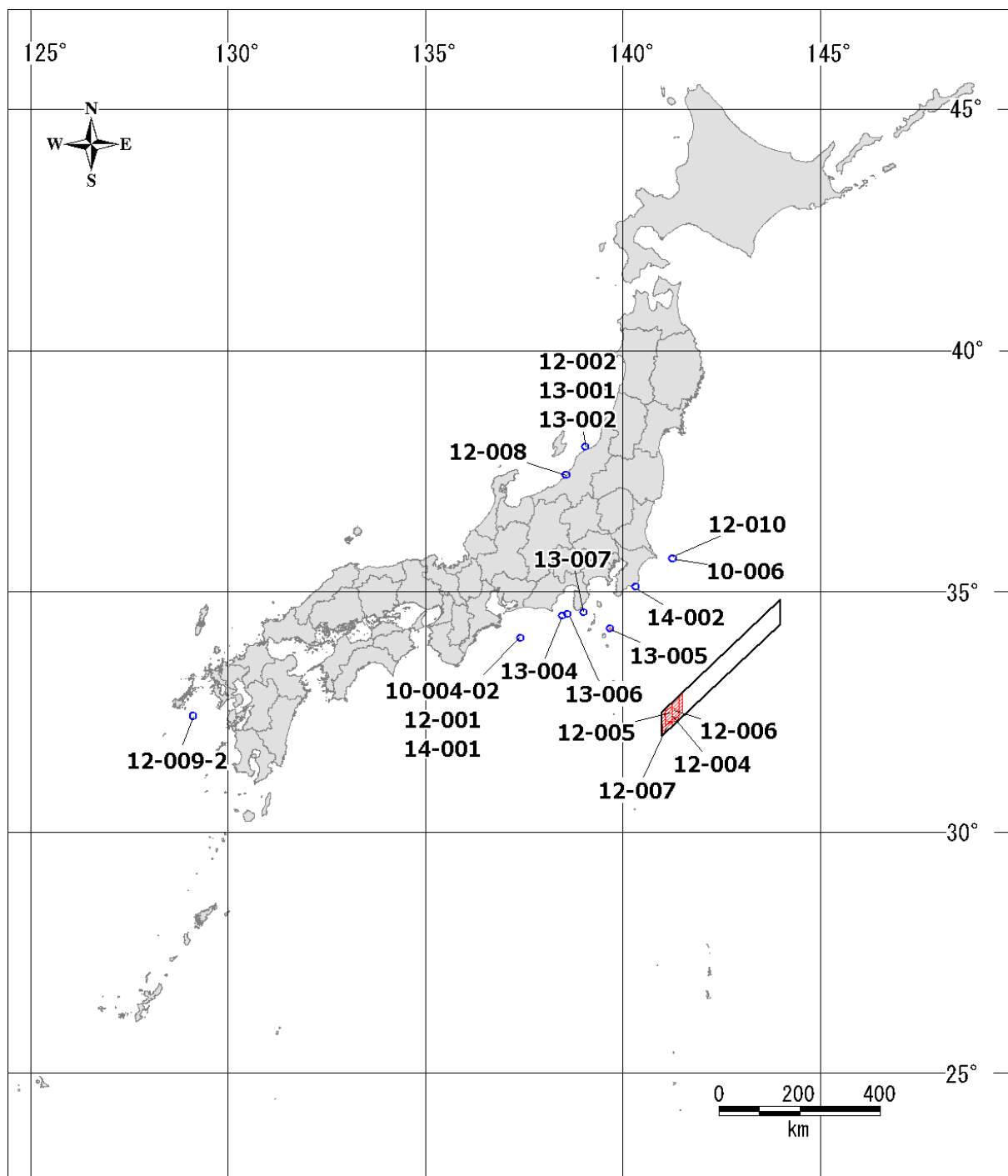
Dumping sites monitored in South China Sea in 2014

SEDIMENT DISPOSAL AREAS/FACILITY

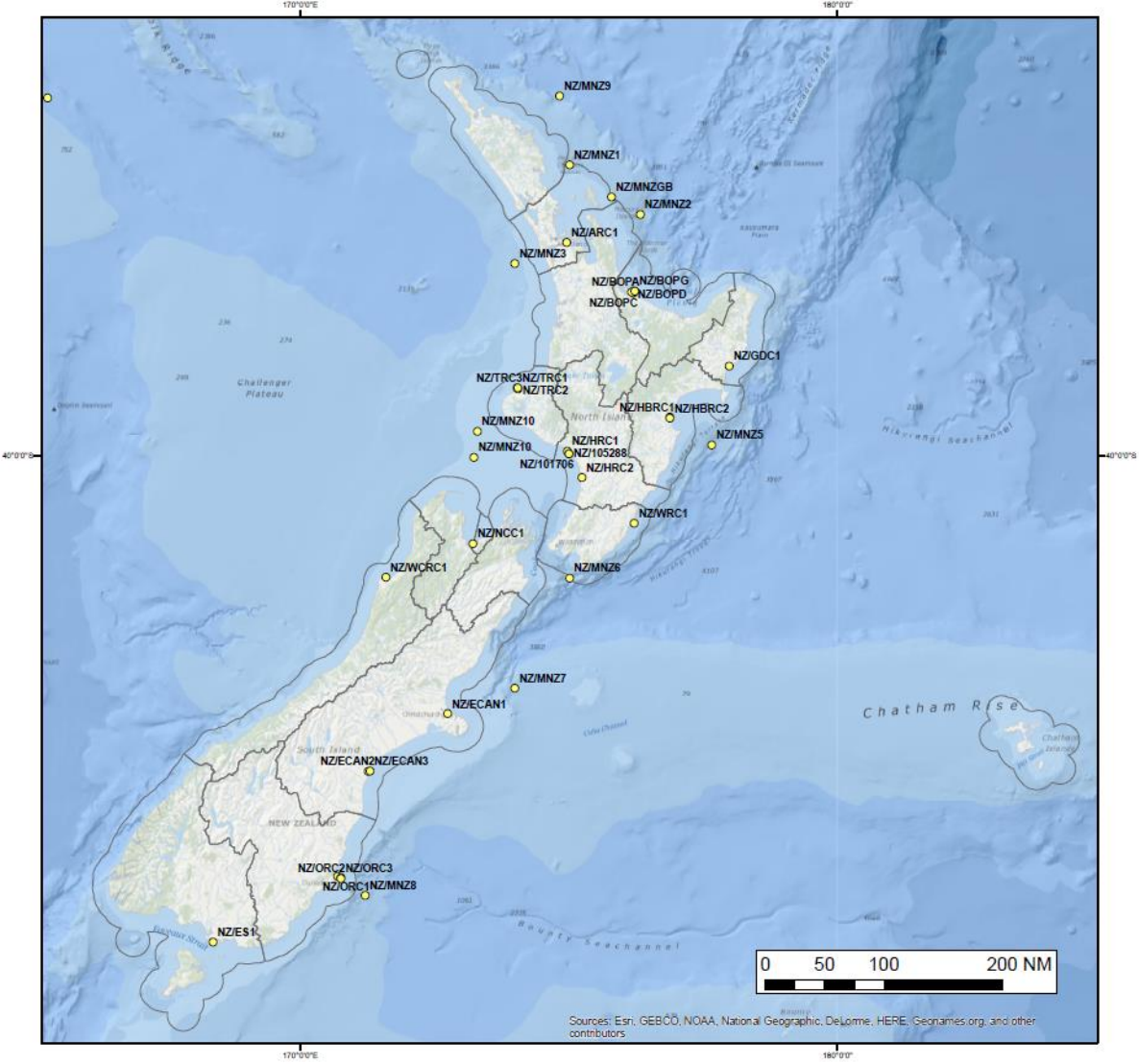


Sediment disposal areas/facility, Hong Kong, China in 2014

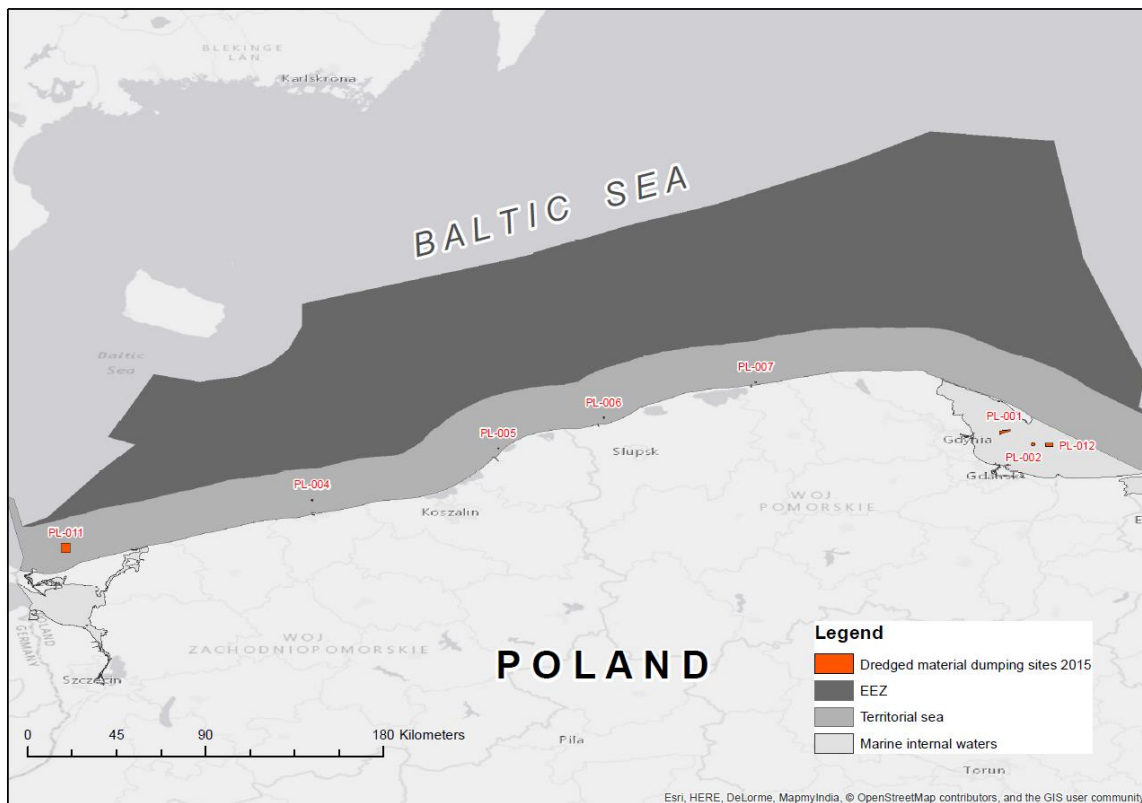
Map 3: Dumping sites in Japan 2014



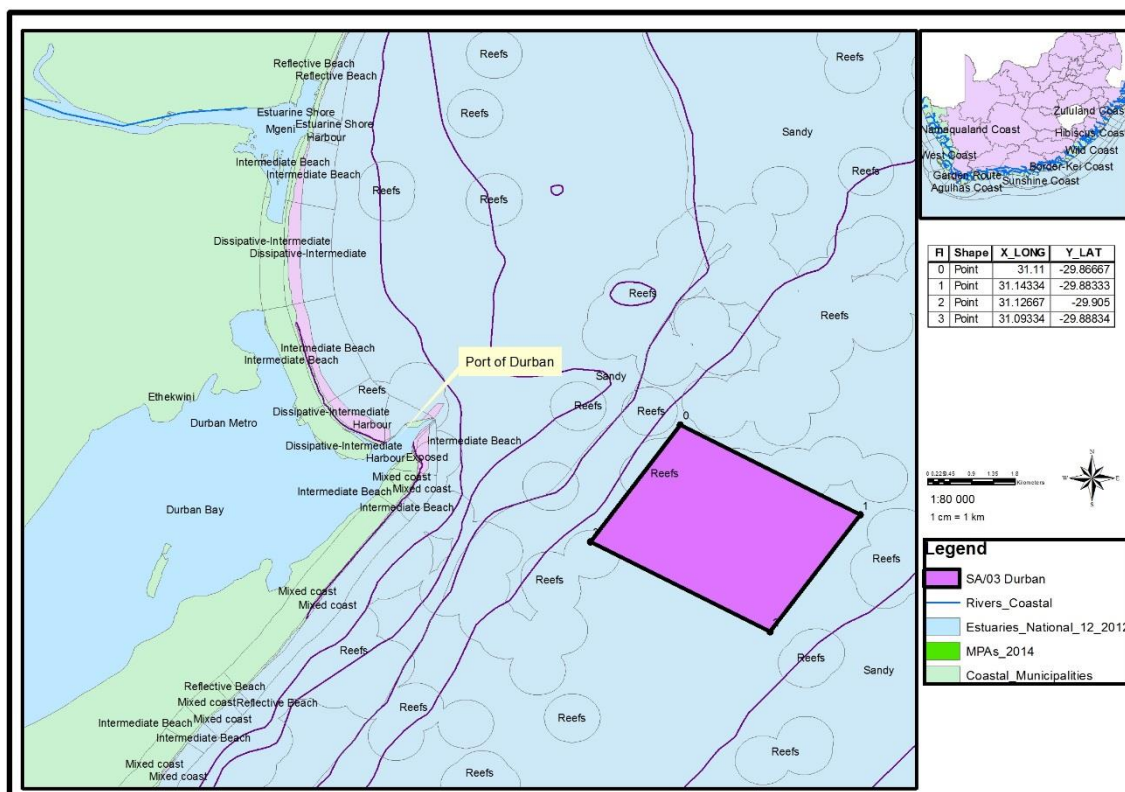
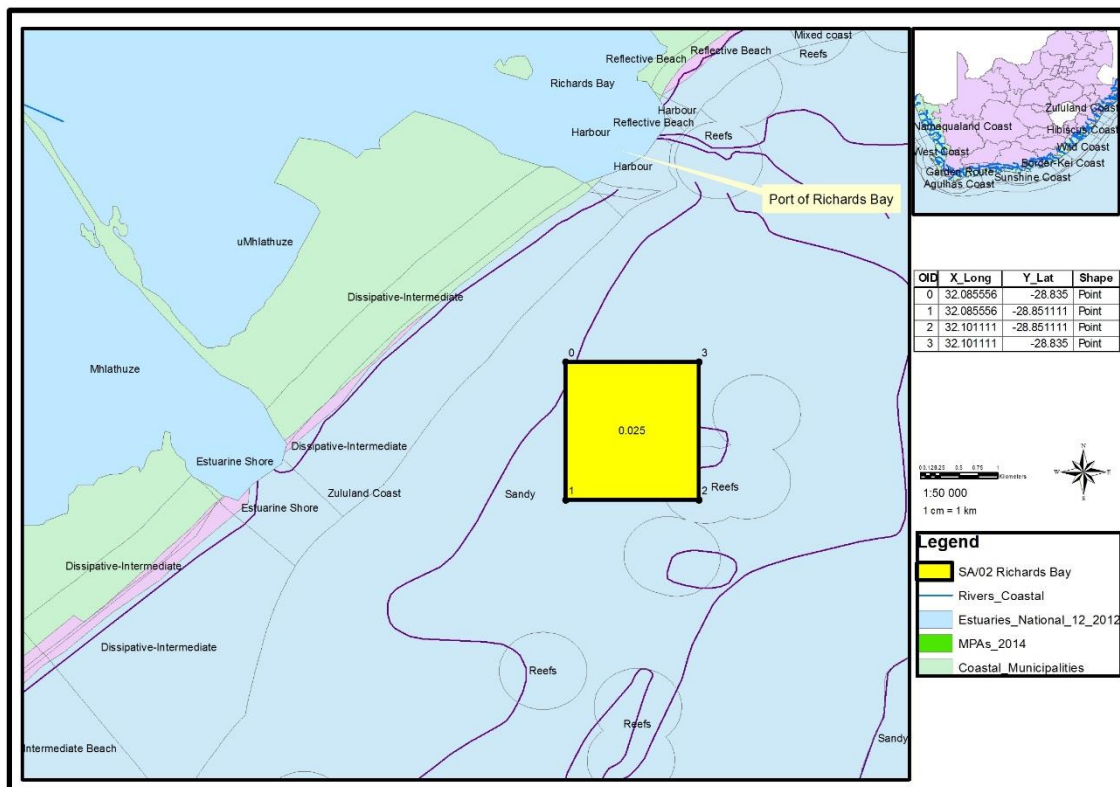
Map 4: Dumping sites in New Zealand 2014

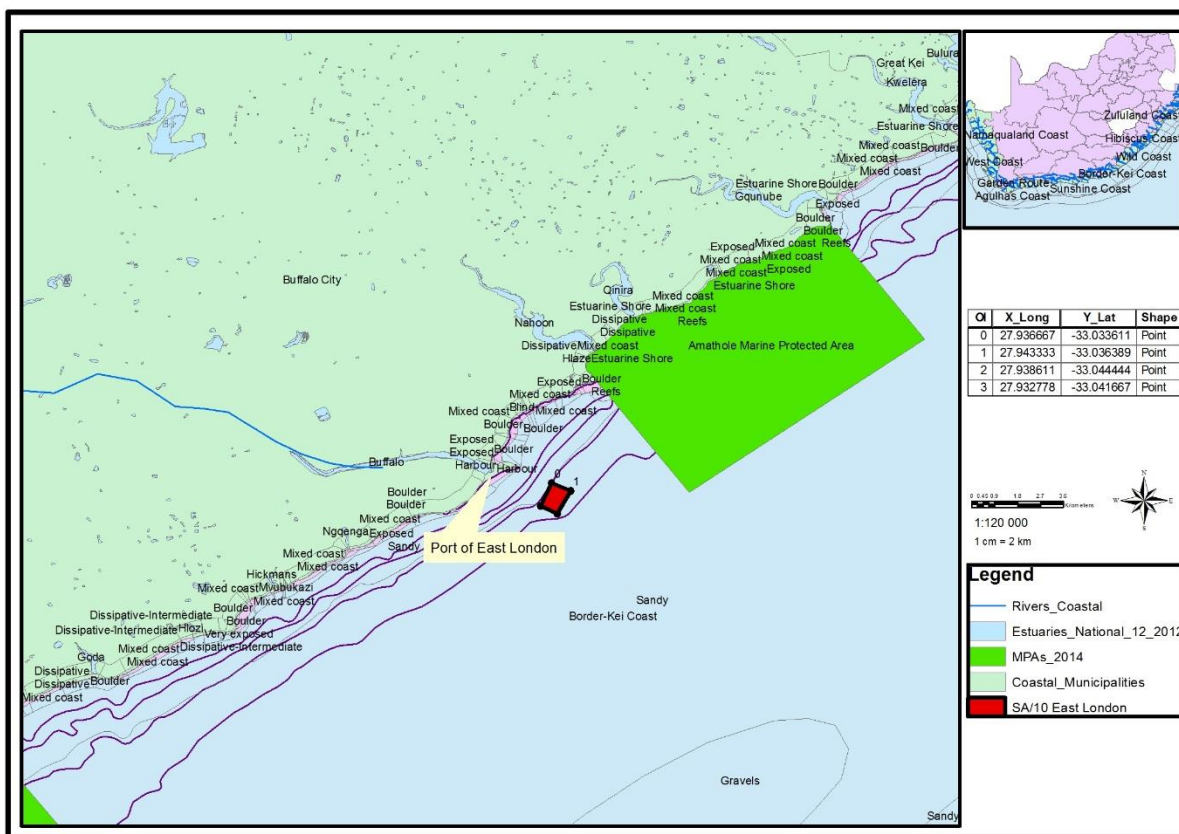
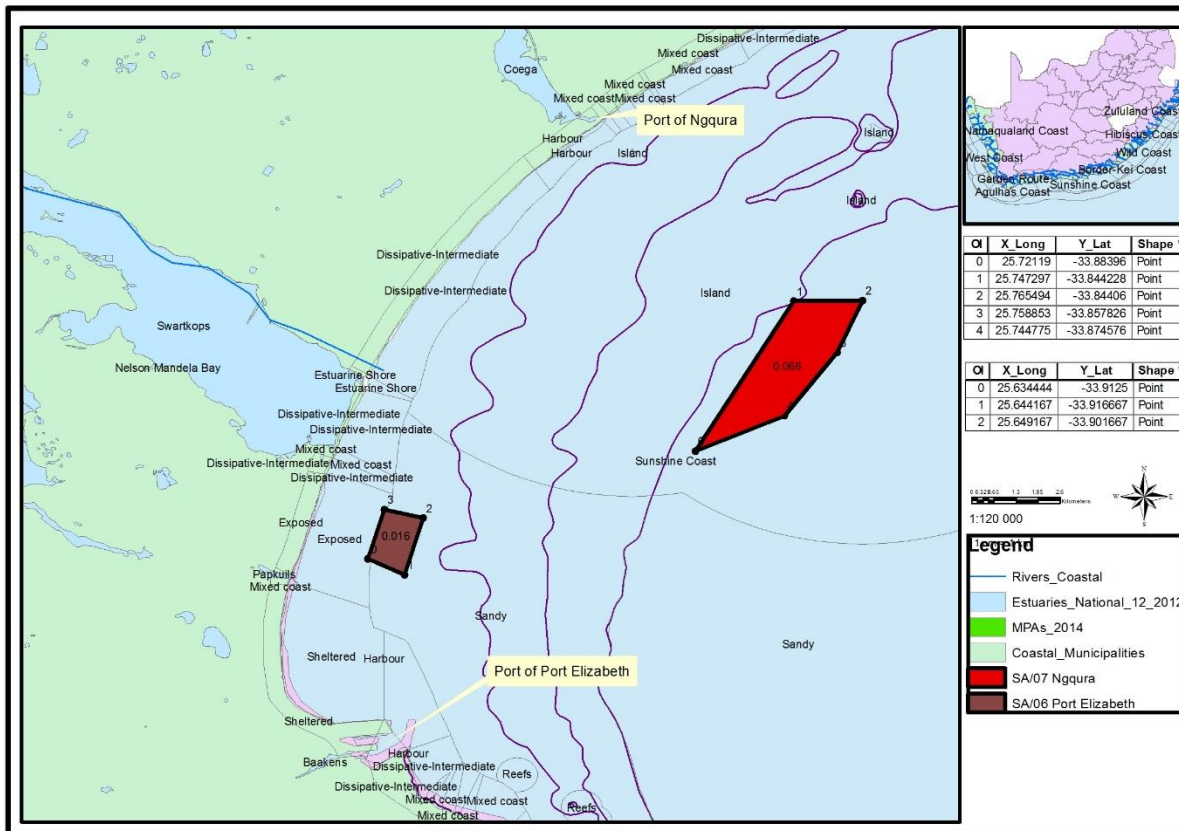


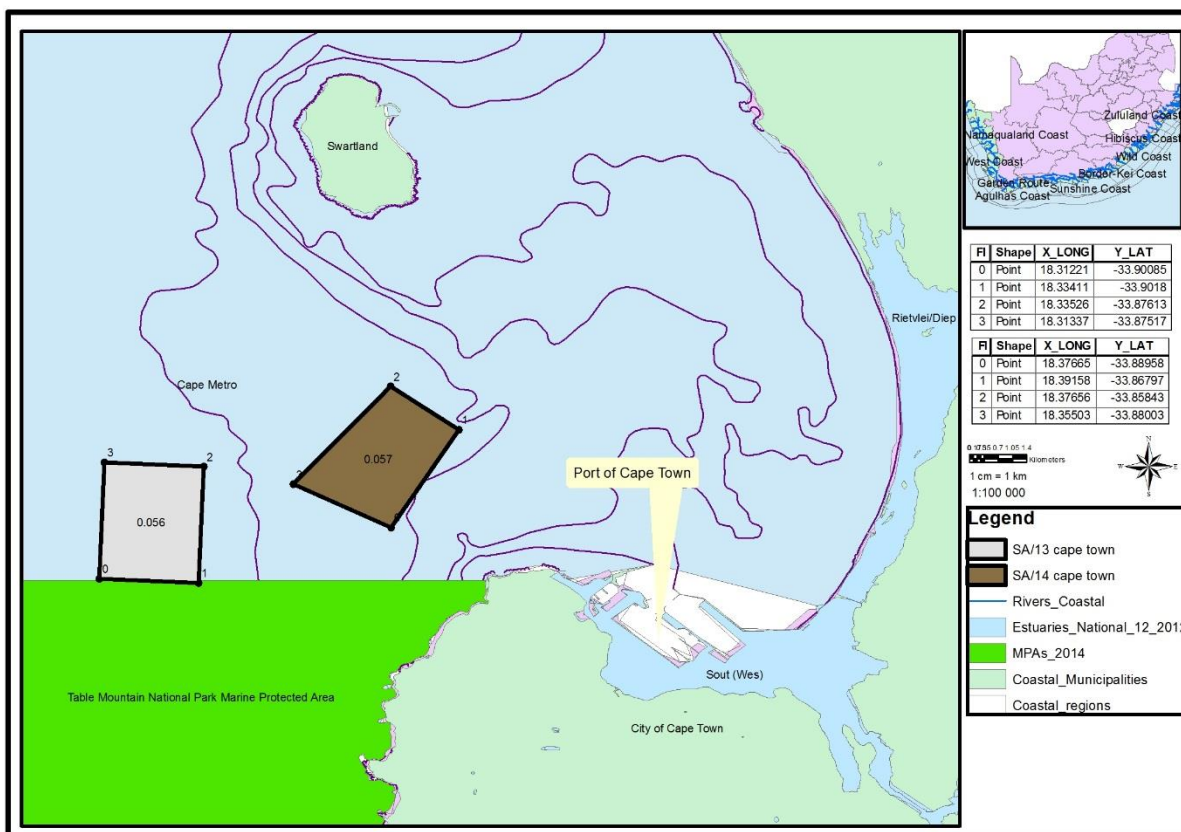
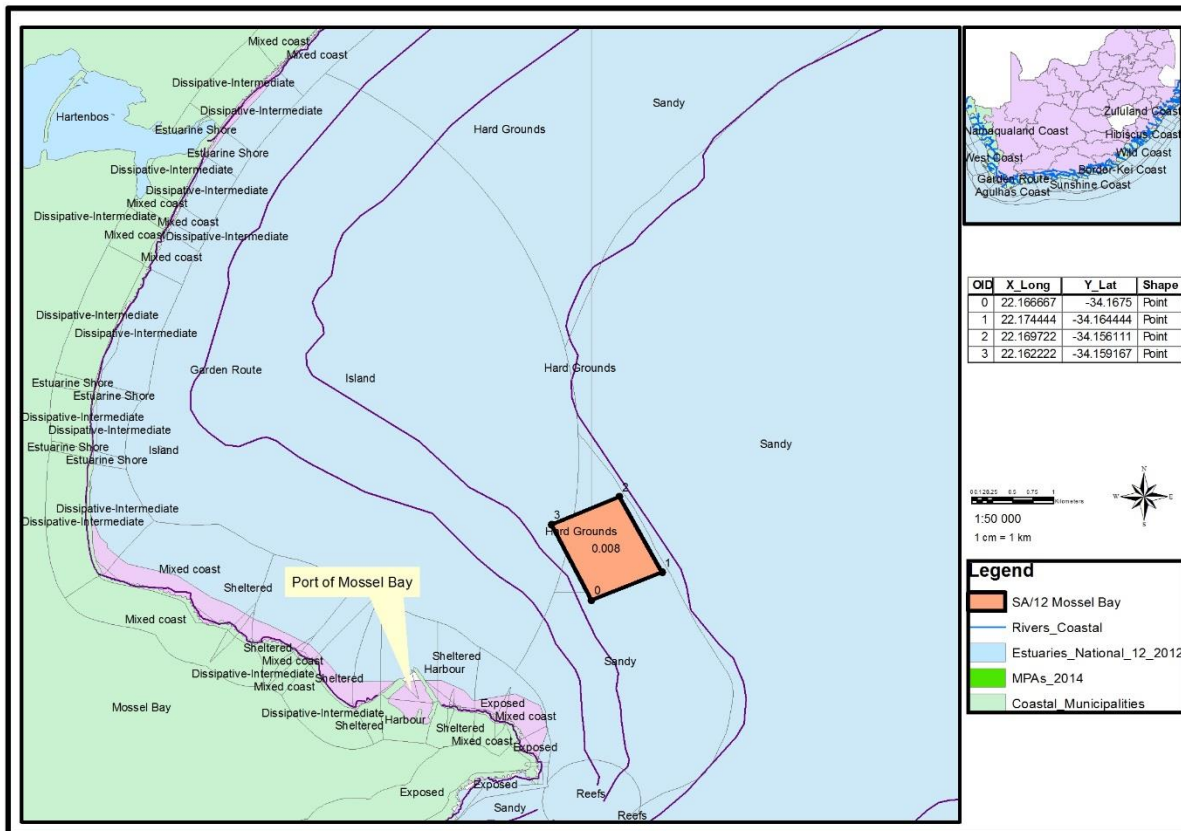
Map 5: Dumping sites in Poland 2014



Map 6: Dumping sites in South Africa 2014



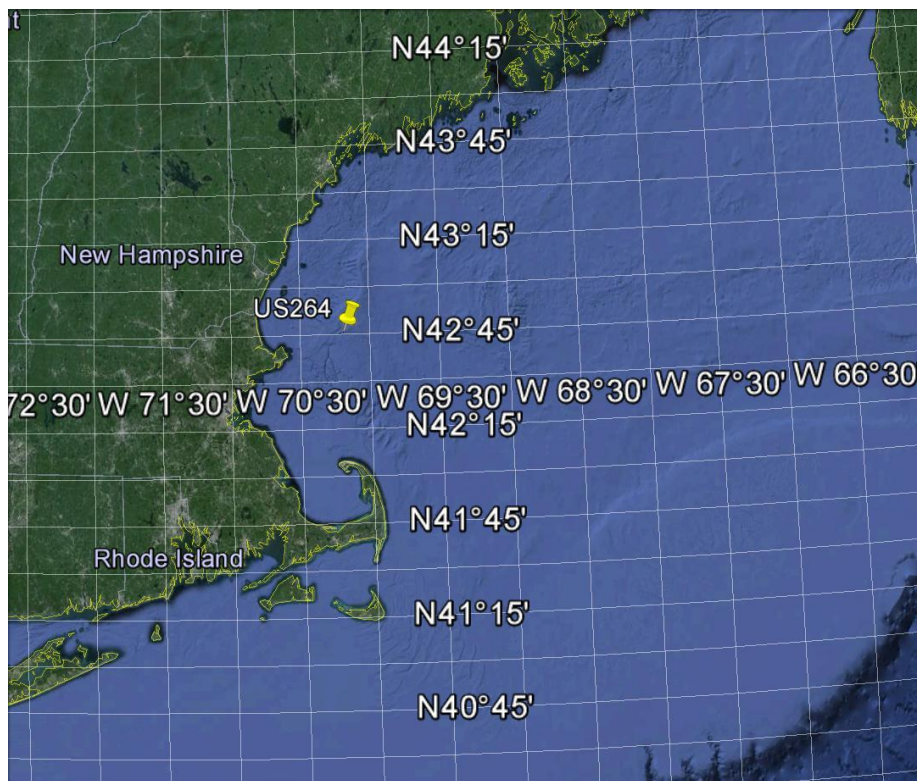




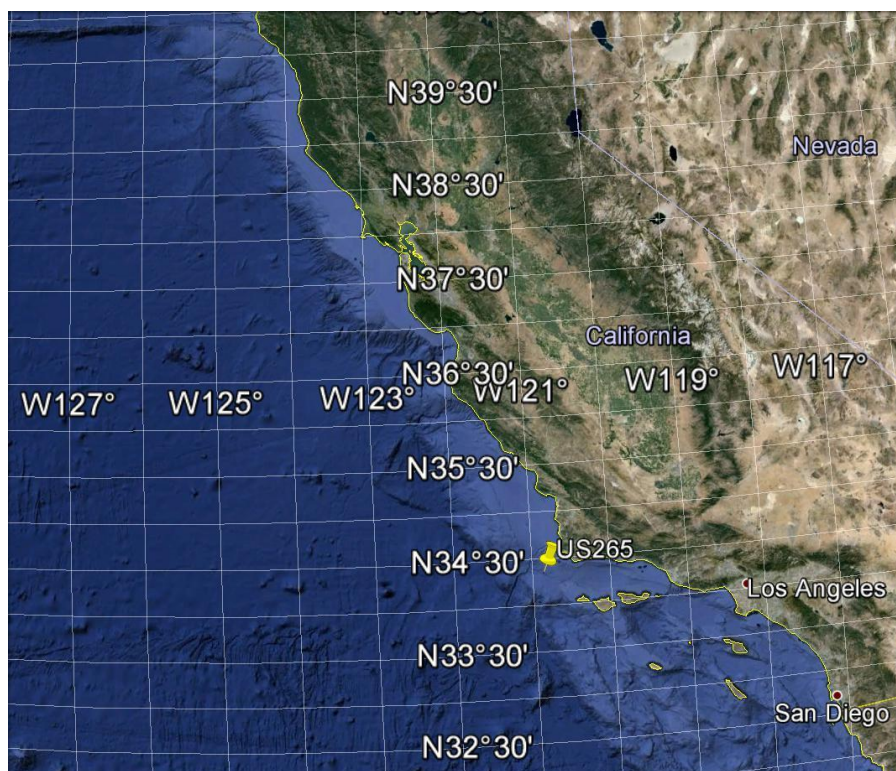
Map 7: Dumping sites in Sweden 2014



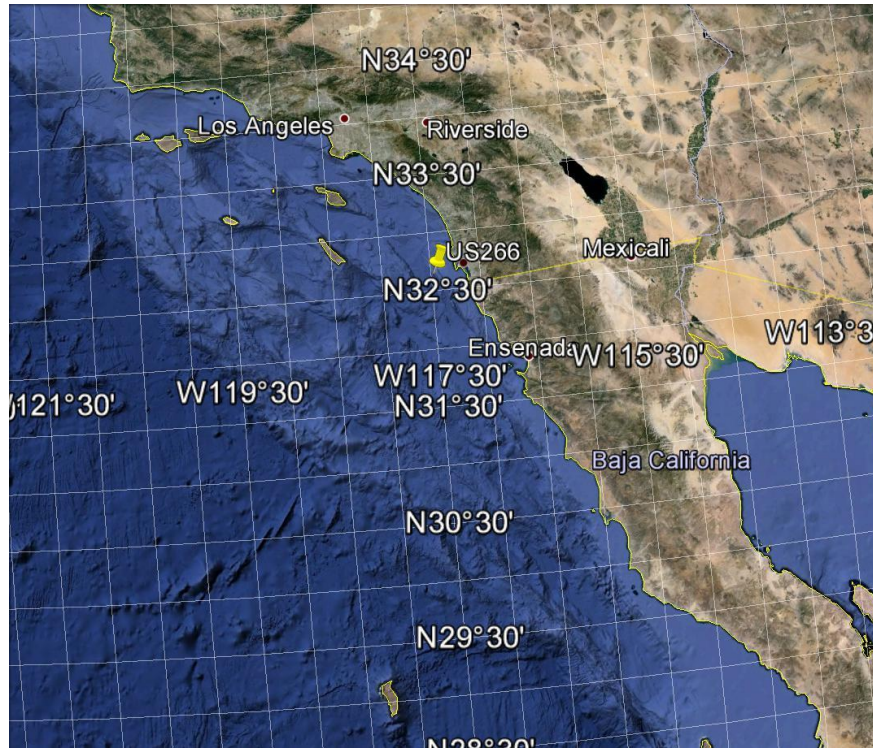
Map 8: Dumping sites in the United States 2014



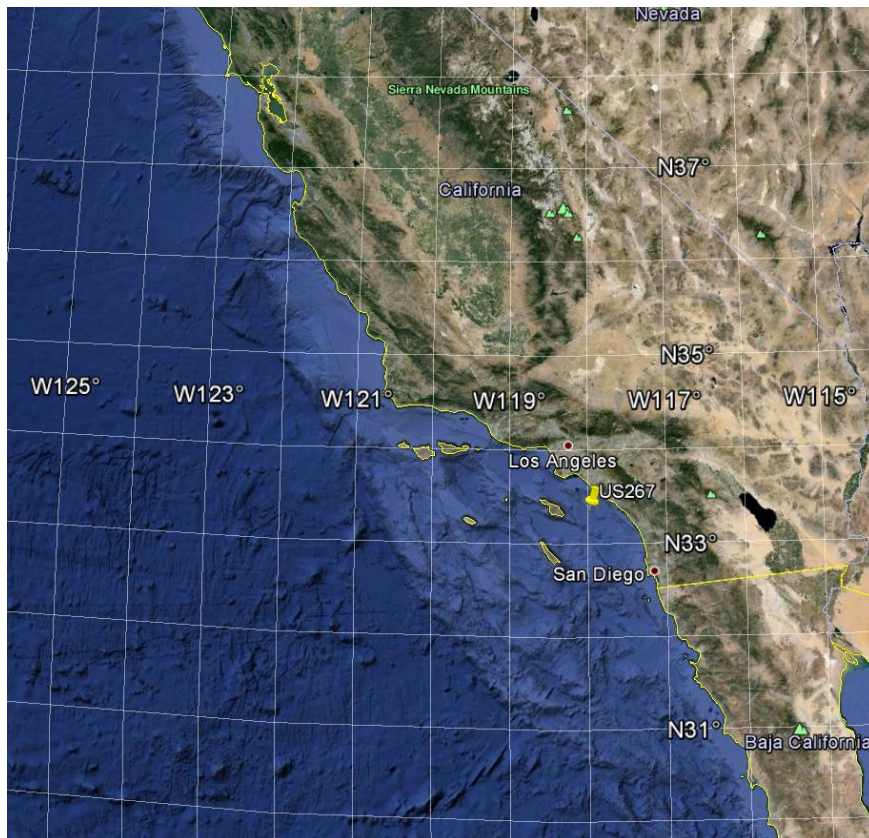
Map of Disposal Site for Vessel (*Blue Skies*) (LC Code: US264)



Map of Disposal Site for Vessel (*NASH* barge) (LC Code: US265)



Map of Disposal Site for Vessel (*Hard Rock*) (LC Code: US266)



Map of Disposal Site for Vessel (*Renegade*) (LC Code: US267)