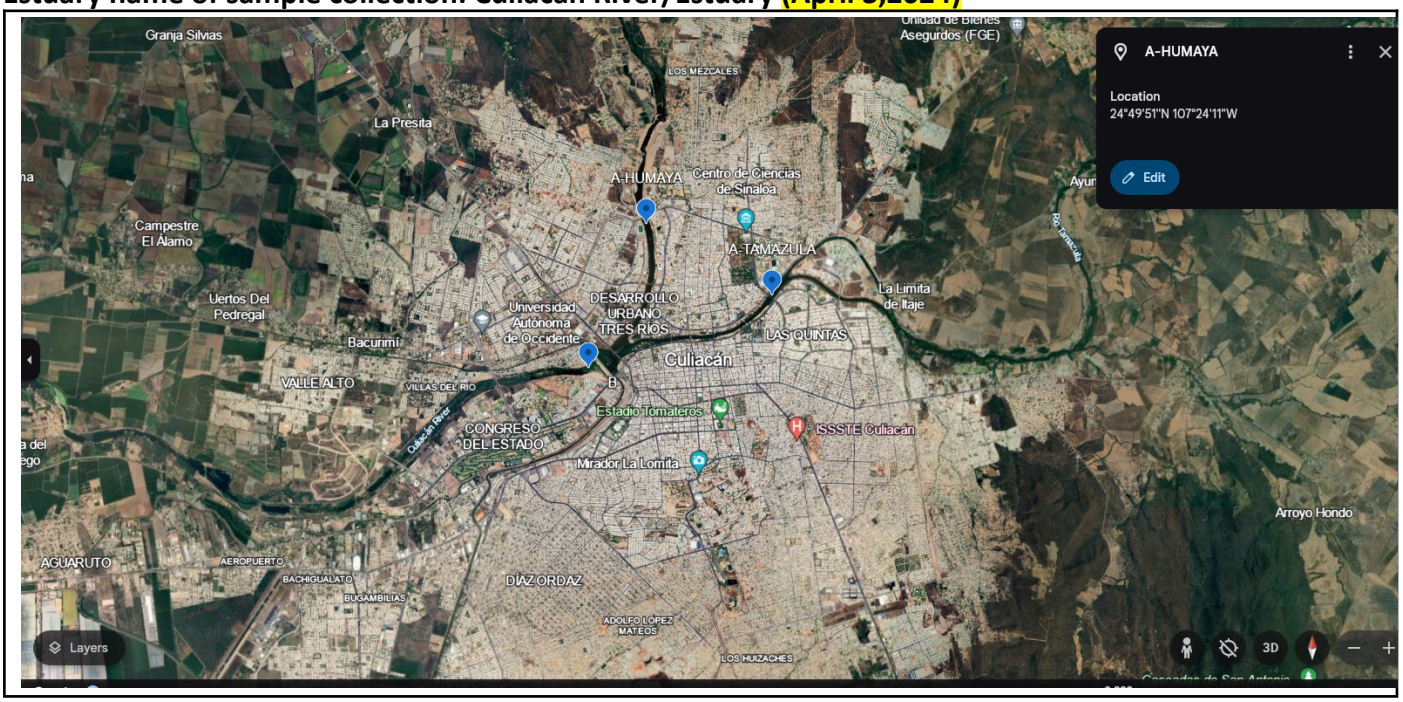
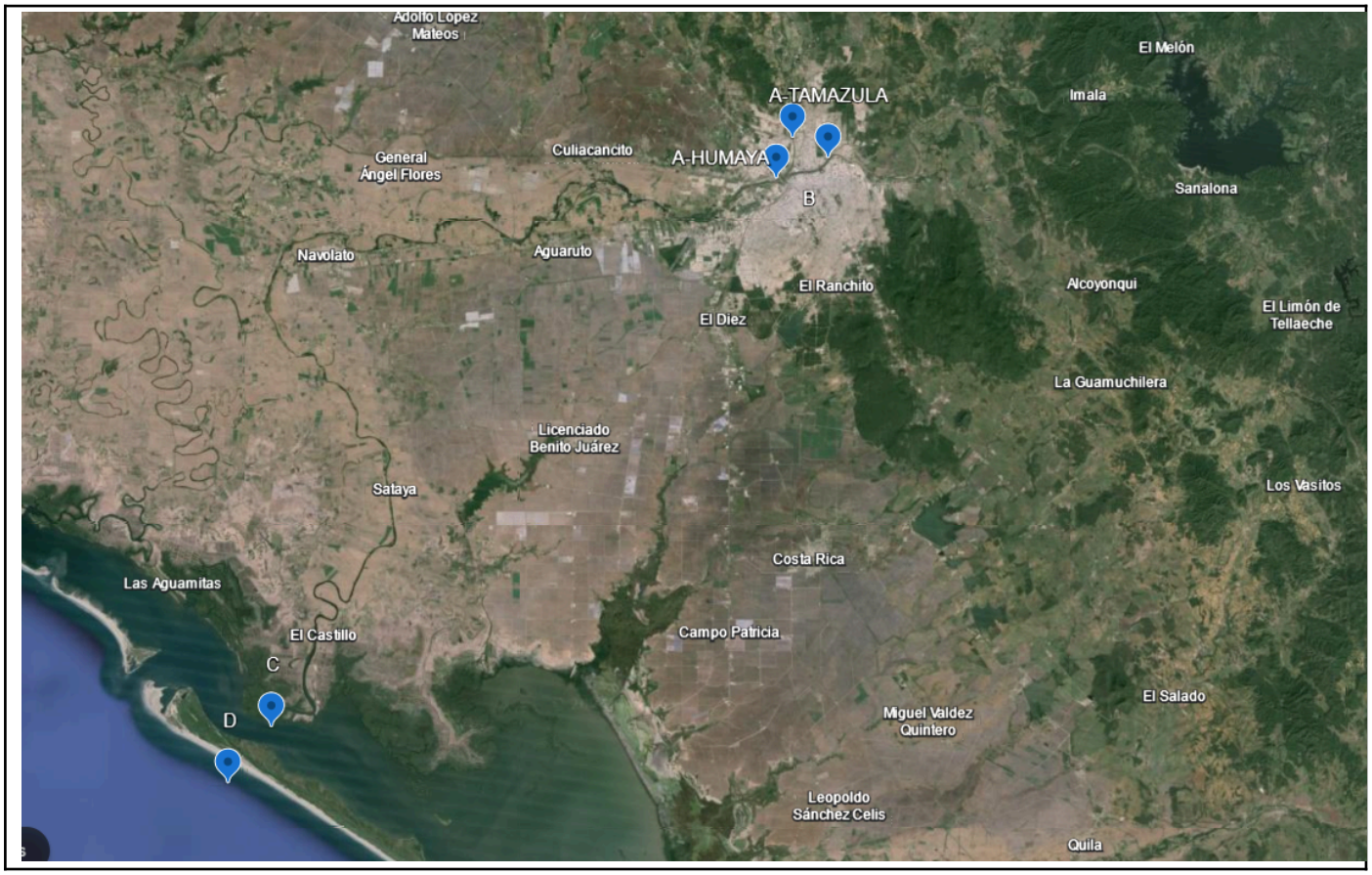
Global Estuaries Monitoring Programme
Data Log (for one estuary)

Names of collaborators: Eduardo Alberto Lopez-Maldonado
Institution/Organization: Universidad Autonoma de Baja California
Sample collection date (dry season/wet season): dry season
Tidal cycle: Spring tide/ Neap tide/ High tide/ Low tide (please circle your answers; we prefer you to sample at neap tide if possible)
***Four locations are preferably selected as follow: A) upstream of the river (above urban area); B) downstream of the river (passing through urban area); C) inner estuary and D) outer estuary**

Estuary name of sample collection: Culiacan River/Estuary (April 3,2024)





Google Map marking the sampling locations and potential nearby pollution sources (if any).

Meteorological information within 7 days before sampling

Weather (e.g. sunny/cloudy/rainy)	6 day before sampling	5 day before sampling	4 day before sampling	3 day before sampling	2 day before sampling	1 day before sampling	Sampling day
	sunny	sunny	sunny	sunny	sunny	sunny	sunny
Rainfall data (mm)	0	0	0	0	0	0	0

Socio-economic data in estuary city

Population in estuary city (individuals)	808 416	GDP in estuary city (US dollars)	

Environmental factors

No.	Latitude	Longitude	Bank (B)/ Mid-course (M)	pH	Water Temp. (°C)	Salinity (‰)	Dissolved Oxygen (mg/L)
e.g.,	22.339316	114.197364	M	7.25	25.1	26.74	8.4
A-Humaya	24°49'51" N	107°24'11"W	M	6.98	22.4	25.2	6.5
A-Tamazula	24°49'09" N	107°22'50"W	M	7.1	26.3	24.4	6.9

B	24°48'26" N	107°24'49"W	M	6.5	24.3	20.5	7.8
C	24°29'23" N	107°44'06"W	B	7.2	23.4	25.6	7.7
D	24°27'26" N	107°45'46"W	B	7.5	22.6	26.5	7.5

Location	**Sampling period**	**Supporting Information**
e.g.,	Spring tide/ Neap tide/ High tide/ Low tide	Is there any water quality information and long-term monitoring data available about the sampling sites? Are there any pollution sources or discharge outlets upstream of the estuary?
A-HUMAYA	Neap tide	

A-TAMA ZULA	Neap tide	

B	Neap tide	

C	Neap tide	

D	Neap tide	

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2021 2030 United Nations Decade of Ocean Science for Sustainable Development

CityU 香港城市大學 City University of Hong Kong

SKLMP 海洋污染國家重點實驗室

Surrounding Environment of the Sampling Sites (Pictures)

Location A-HUAMAYA		
Upstream	Downstream	Sampling Location
		
Surrounding Environment		
Potential discharges & pollution sources		

(Figures and detailed description of the location)

Location B		
Upstream	Downstream	Sampling Location
Surrounding Environment		

Potential discharges & pollution sources
(Figures and detailed description of the location)

Location C		
Upstream	Downstream	Sampling Location
Surrounding Environment		

Potential discharges & pollution sources			
(Figures and detailed description of the location)			

Location D		
Upstream	Downstream	Sampling Location
Surrounding Environment		

Potential discharges & pollution sources			
(Figures and detailed description of the location)			

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