Term Project Proposal

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Topic

Trend of Biodiversity Changes Considering Threatened Ecological Area Changes in Taipei City.

➢ Question 1: Does the uni or multi directional trend of threatened eco zone in TPC related to the biodiversity of the area? (Pray the ans is Y.)

➢ Question 2: How does TEAC pressure on the bio-di trend across different species?

Data 1（Time-Oriented）

➢ Time series statistics of threatened ecological regions in Taipei City（臺北市受威脅生態區域時間數列統計資料）

➢

年底別	遭受違規開墾或破壞區域面積[公頃]	生態區域面積[公頃]
104年	0.33	300
105年	0.32	300
106年	0.25	300
107年	0.14	300
108年	0.23	300
109年	0.23	300

Things to check
How to explain/undrstan the table?

Data 2 (ST-Oriented）

➢ Survey data of original species of Taipei City Biodiversity Index Survey Project（臺北市生物多樣性指標調查計畫原始物種調查資料）

➢ "17~ "19

LOD: Scale to species type only, combining same coord as marked loca? Also, the time series merely contains 3 yrs.

坐標x	坐標y	調查日期	物種類別	物種名稱	數量	調查法	不準度
121.4703	25.1155	20170307	條鰭魚綱	Gambusia	3	網捕法、	<25公尺
121.4703	25.1155	20170307	條鰭魚綱	Acanthopa	1	網捕法、	<25公尺
121.4703	25.1155	20170307	條鰭魚綱	Pterygopli	1	網捕法、	<25公尺
121.5037	25.08701	20170307	條鰭魚綱	Clarias ba	1	網捕法、	<25公尺
121.5046	25.04943	20170307	條鰭魚綱	Gambusia	7	網捕法、	<25公尺
121.5046	25.04943	20170307	條鰭魚綱	Clarias ba	2	網捕法、	<25公尺

Expect Final Result

1. Selection of Years/Species Types
2. Two Factors (quoted in Question 1) Relation Sheet
3. Mapview Sheet
4. Animation

※ Maybe more layers to add, however, the last thing I want is the subjectivity destroyed by the high level of divergence. (factor's diversity etc.)

★ Any idea? I'm all ears.