Resilient Cities 2019 Dth Anniversary

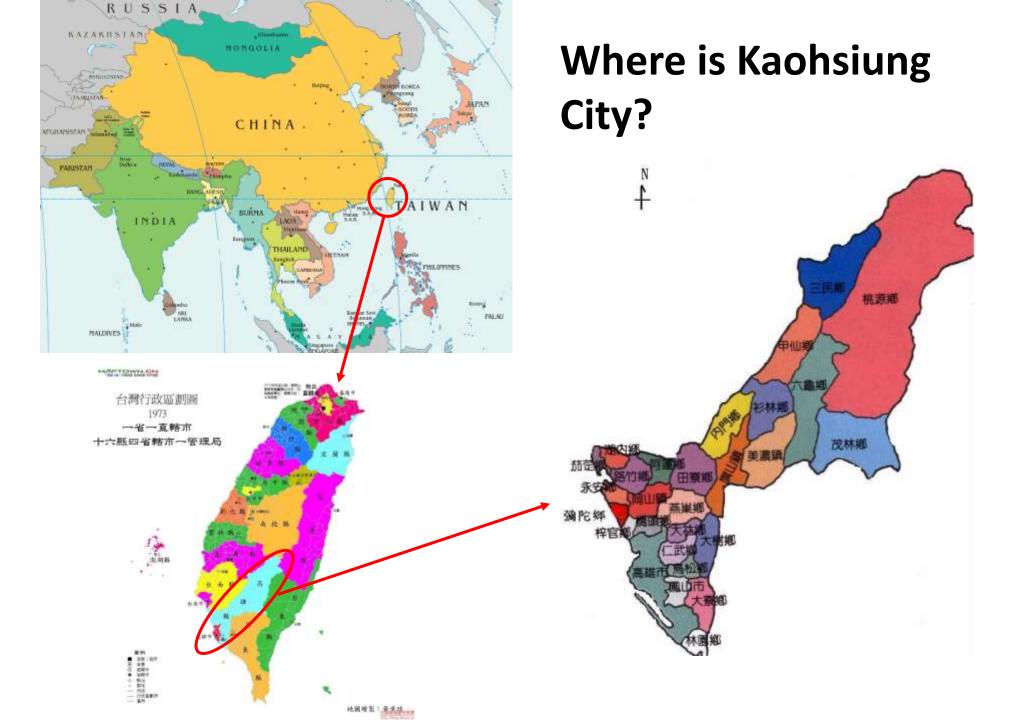


Workshop A5 Building Inclusive Multi-stakeholder and Bankable Flood Resilience in Cities Prof. Lei Yang Kaohsiung City

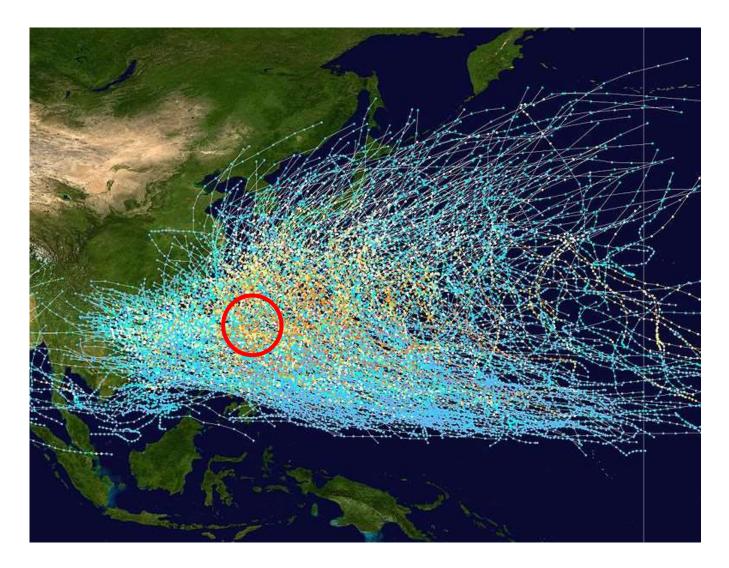
Environmental Protection Fund

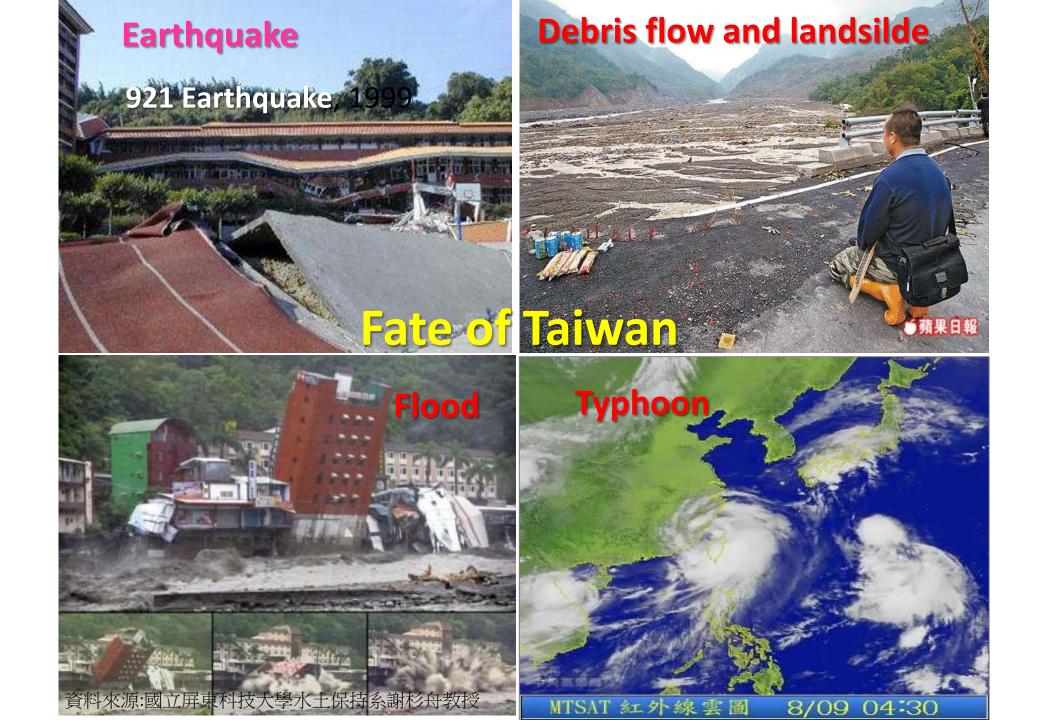
Management Board





Typhoon Route Picture(Recording last 20 years)





Facing climate change, we need more resilience and adaptation in Taiwan !!

Wetland Conservation Act (2015/02/02) in Taiwan

How dose Kaohsiung City using BGIS to reduce flood risk ? Constructing wetland parks in Wetland Eco-corridor Project as green infrastructure in Kaohsiung City

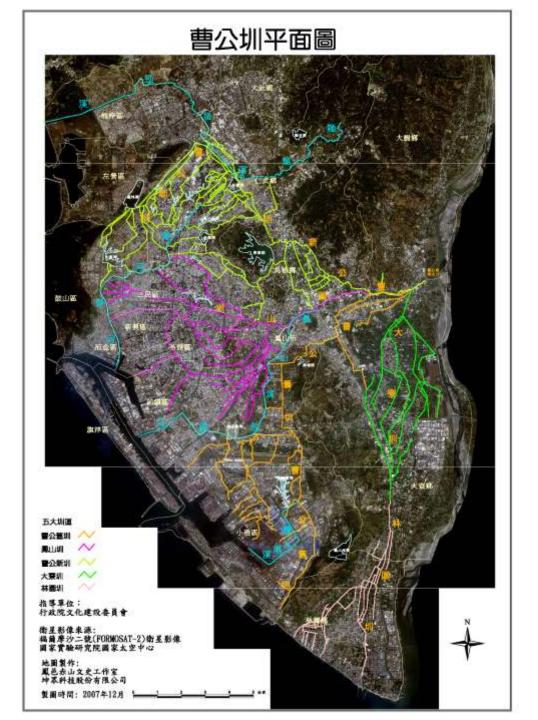


高雄市政府工務局養殖工程處 Maintenance Office, Public Works Bureau of Kachsiung City Government

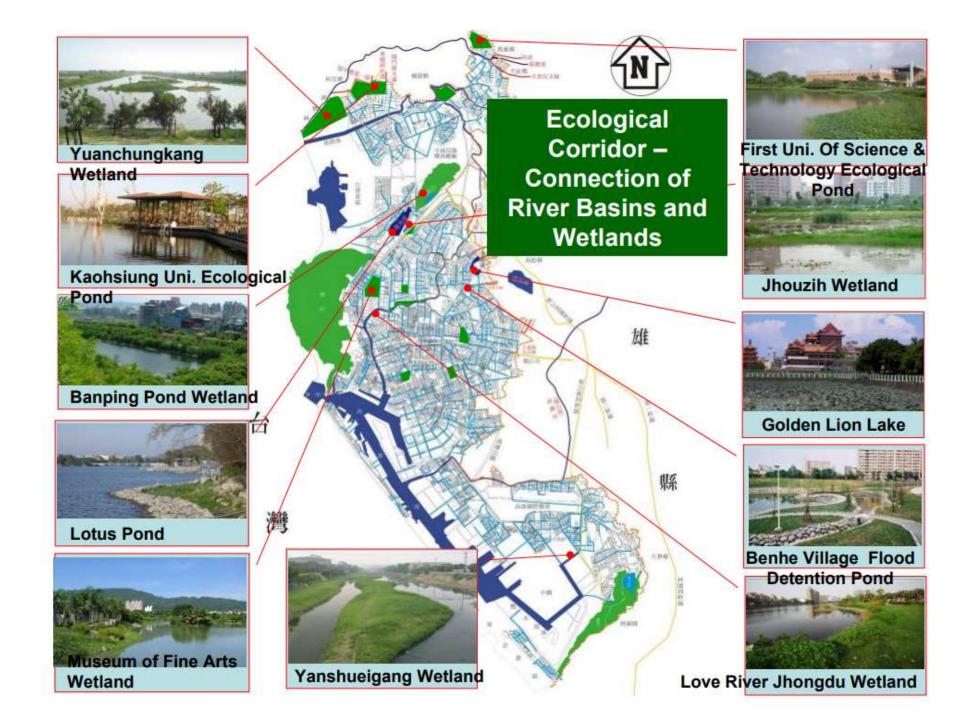
高雄市濕地生態廊道示意圖



8



Connecting those wetla nd parks through recovering and reestablishing the old irrigation systems of Caogong **Canals along with** the connection of the urburn streams as the blue infrastructure in the Wetland Ecocorridor Project in **Kaohsiung City.**





Eco-retention ponds distribution maps in Kaohsiung City





Which blue-green infrastructure solutions for urban flood risk reduction were developed? (Some Cases Reviewed)

Jhondou Wetlands Park

Area : 12.6 Hectare Built on : 2011/04/24

Love River



Benhe District Flood Detention Wetland

200

-

Wetland

-

How were the different stakeholders involved (inclusiveness), especially the most vulnerable? (Some Cases Reviewed)

Niaosong Wetland Park (First Wetland Park in Taiwan, 2000/09/24)





Jhouzai Wetland Park (Home of the Pheasant-tailed Jacana)



How did you assure the funding / financing of the solutions (bankability)?

How did you assure the funding / financing of the solutions (bankability)?

Land Equalization Fund 30 billion NTD



Invested 140 million NTD in wetland

construction

Invested 140 million NTD in wetland construction



Wetland Park 2011/04



Bicycle Lane 2012/04



Zhongyong Park 2015/03









Mito Park 2014/02



Banyan Park 2015/03

A5 Building Inclusive Multi-stakeholder and Bankable Flood Resilience in Cities

