



Capacity Building

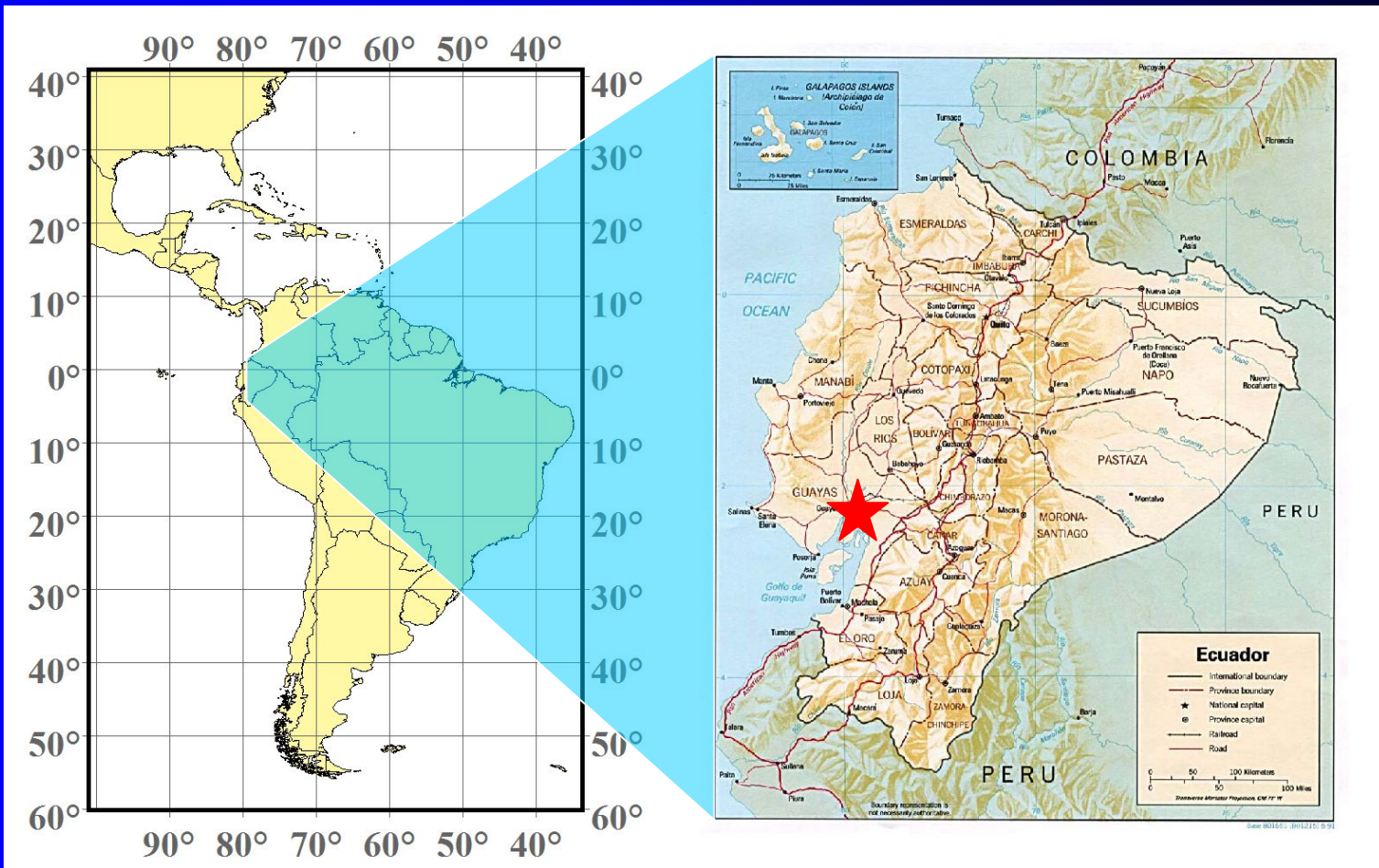
Escuela Superior Politécnica del Litoral – ECUADOR

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Background

- Ecuador is a tropical country
- Around 12 million people
- Agriculture, Aquaculture and Oil Exploitation
- ESPOL is located in Guayaquil (coastal area)



Institutional Capacity

- Leading environmental research at Ecuador
- VLIR cooperation initiated for water quality indicators research
- Experience gained in local workshop for training in bio-indicators area
- 3 current PhD studies related to water quality indicators

National Capacity

- National Remote Sensing and Integrated Survey (CLIRSEN)
- Military Geographic Institute (IGM)
- National Meteorology and Hydrology Institute (INAMHI)

Regional Capacity

- ESPOL is the Latin America office for HELP (Hydrology, Environment, Law and Policy) Programme since 2001
 - An Ecuadorian River Basin (Chaguana river) is considered within the HELP basin network (67 basins around the world)
- Proposal (IWRM) is currently being written for JICA funds

Building new capacity

- Disseminate the importance of remote sensing in WQ indicator development (local & regional workshops)
- Post-doctoral research in remote sensing and water quality indicators (funding)

Conclusions

- ESPOL is willing to be part of a worldwide network for remote sensing and water quality indicators
- Some capacity building should be developed or increased for the task
- ESPOL needs funds for continuing or beginning research in WQ & RS