



Laurea in Ingegneria per l'Ambiente ed il Territorio

CAMBIAMENTI CLIMATICI E ADATTAMENTI NEGLI ECOSISTEMI E NELLE SOCIETÀ

Docenti

Salvatore Pappalardo

Daniele Codato

Alessandro Ceppi (Politecnico di Milano)

Supporto didattico

Edoardo Crescini

- 6 CFU
- 48 ore
- 102 ore di studio individuale

Laurea in SN (2009) *Biodiversity conservation & EC in the Ecuadorian Amazon*

PhD in human and physical geograhy (2013): *Expansion of the exctractive frontier and Environmental Conflicts in and around the Yasuni National Park*

Post-doc 2013-2015 (DAFNAE): wetland, phytoremediation and ES

Post-doc 2015-2016 (DiSSGeA): Mapping agricultural terraced landscapes

Second PhD in Environmental Agronomy 2013-2016 (DAFNAE): *Ecosystem Services and phytoremediation*

Researcher (Rtdb) & Master GIScience vice-director



Rio Marañon, May 2017





Western Amazon Rainforest

Ecuador, Yasuni National Park
Fieldwork 2010-2011



Progetto di cooperazione decentrata

“Palabras y Libertad”

Radio Comunitaria

- radio FM
- web-radio
- wifi-network (internet)





Radio Salango - Ecuador



**Low cost wifi network in Amazon (Dayuma, Orellana) – Ecuador
Politecnico di Torino – iXem Lab**



UAV and geotechnologies to monitor environmental impacts of oil production in Peruvian Ecuador

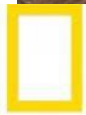
ISS University (Rotterdam)
Rio Pastaza (Peru)
#May2017





Rio Pastaza – Marañon (Peru)

Monitoraggio ambientale del *gas flaring* in Amazzonia



NATIONAL
GEOGRAPHIC

A.M.A.Z.O.N.Y.A

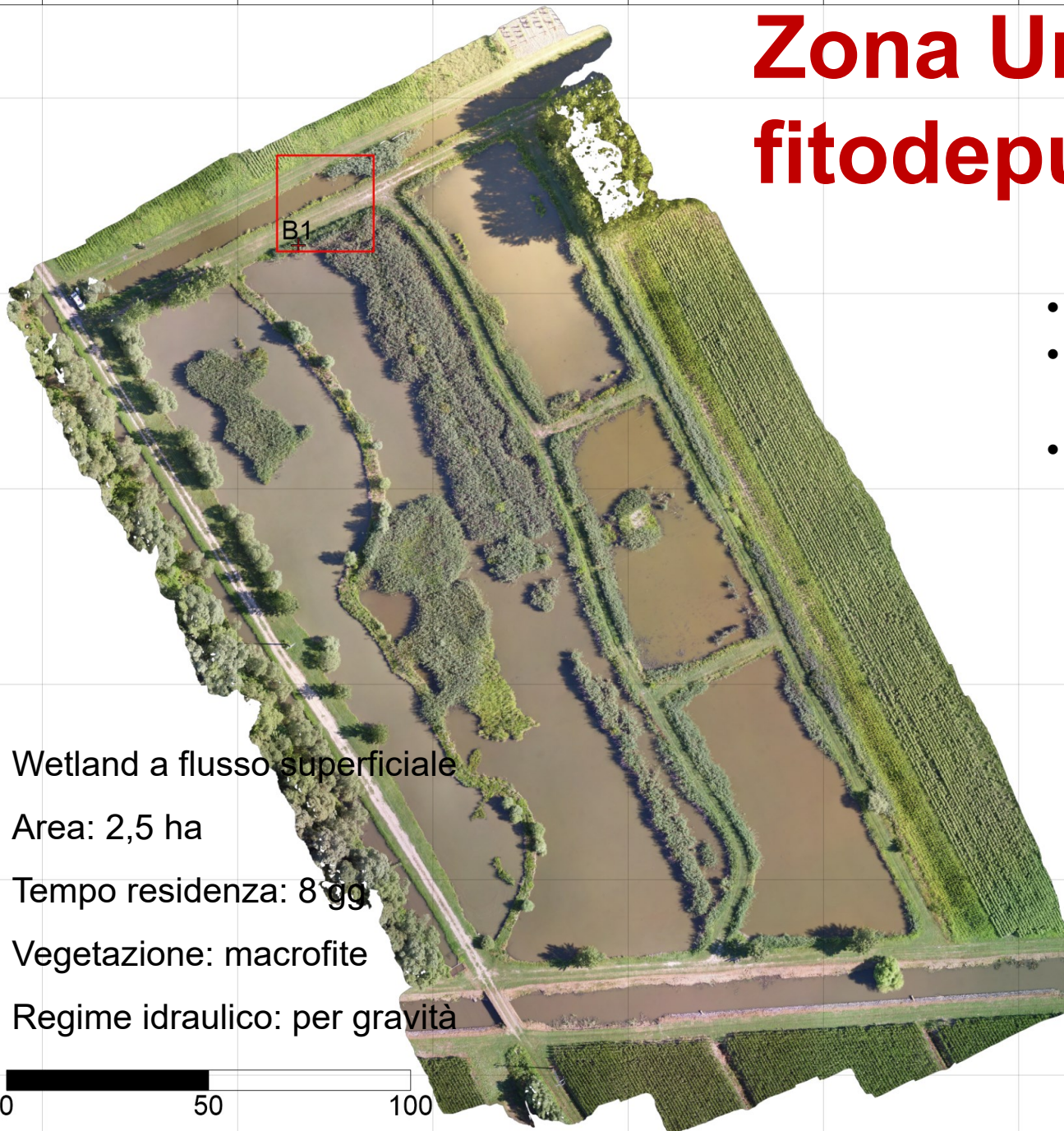
Pozzo Drago Norte 1 – Campo Vista




**NATIONAL
GEOGRAPHIC**
A.M.A.Z.O.N.Y.A

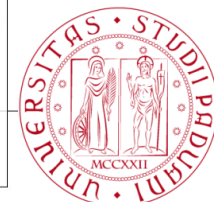


Zona Umida fitodepurazione



- Wetland a flusso superficiale
- Area: 2,5 ha
- Tempo residenza: 8 gg
- Vegetazione: macrofite
- Regime idraulico: per gravità

- Rilievi APR
- Campionamenti biomasse
- Rilievi h piante



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Credit Tenuta Civrana (2015)