

SCHEDULE

Place: Classroom E- 203. Building E.

DAY 1 (Wednesday 4 March 2020)

Time	Activity/Title	Author
08:00	Helpdesk opening	
08:30	Welcome by: Dr. Antonio Abruña	

Session 1: Ecological scenarios and forward models

09:00	Conference: Variabilidad en precipitaciones asociadas a El Niño.	Yamina Silva
09:30	El Niño driven vegetation dynamics in Northern Peru: The vegetation's reaction to fluctuating resources.	Max Schuchardt
10:00	Coffee break	
10:30	Dendroecology of Prosopis species in the world: secular traces of natural and anthropic events and their effects on Prosopis growth.	Stella Bogino
10:45	Spectral analysis of the vegetable coverage of dry forests in the low basin of the Chira river, with the "FIELDSPEC4" spectroradiometer and Sentinel2 satellite images, in the Piura region.	Cristhian Aldana
11:00	Predictive model, annual trend and anomalies of vegetation cover behavior with TM, ETM+, OLI and MOD13Q1 satellite images, in the Apacheta micro-basin, Ayacucho Region.	Wilmer Moncada
11:15	Plant community response to annual seasonality in three lomas of Lima and possible implications of climate change.	Juan del Castillo
11:30	Conference: The search for generality in studies of disturbance and ecosystem dynamics.	Andreas von Hessberg
12:00	Conference: Climatic cycles and gradients associated to El Niño in North Peru.	Rütger Rollenbeck
12:30	Plenary session discussion	
12:50	Lunch	

Session 2: Plant adaptation to water availability

14:15	Conference: Fungal pathogens and insect herbivores mediate seedling dynamics and diversity patterns along a tropical forest humidity gradient.	Lars Markes Teijn
14:45	Conference: Climate variability and the resilience of drylands.	Milena Holmgren
15:15	Tree influence exacerbates the El Niño effects over soil CO2 emissions and its microclimatic controls.	Elva Palacios
15:30	Substitution of exotic ornamental species by native or low water-requirement species in urban gardens of the province of San Luis, Argentina.	Stella Bogino
15:45	Conference: Resilience in Prosopis: Physiological adaptations before climate change.	José Delatorre
16:15	Coffee break	
16:45	Conference: Seasonal tropical dry forests: Species and functional diversity as strategies to cope with water stress.	Viviana Horna
17:15	Plenary session discussion	
17:35	End of day 1	



DAY 2 (Thursday 5 March 2020)

Time	Activity/Title	Author
08:30	Helpdesk opening	

Session 3: Biodiversity composition and functional diversity

09:00	Conference: Global climatic drivers of leaf size.	Rafael Villar
09:30	Conference: <i>Prosopis pallida</i> : a local assesment of one of the most adapted dryland species.	Pablo Salazar
10:00	Coffee break	
10:30	Diversity and seasonality of birds in permanent waterholes in the Peruvian north west.	Renzo Piana
10:45	El Niño events and the biological diversity in the North Coast of Peru, Piura and Lambayeque.	Jessica Wu
11:00	Habitat degradation at a Peruvian Plantcutter <i>Phytotoma raimondii</i> (Passeriformes: Cotingidae) site in Talara Province, north-west Peru.	Jeremy Flannagan
11:15	Approaches to the knowledge of the herpetological diversity of the Inter-andean Dry Forests of the Mantaro and Apurimac basins, Peru.	Víctor Vargas
11:30	Conference: Plant species richness and ecosystems multifunctionality in global drylands. And what about <i>Prosopis</i> ?	José Luis Quero
12:00	Ecological metrics for dry forest bird conservation in north Peru.	Christian Devenish
12:30	Plenary session discussion	
12:50	Lunch	

Session 4: Plant-host interaction

14:15	Conference: Phytosanitary situation of the algarrobo tree on the north coast of Peru.	Carlos Torres
14:45	Conference: Biological control of Mezquite's graft	Manuel Salas
15:15	First report of virus presence in Algarrobo (<i>Prosopis</i> spp) by MALDI TOF/TOF.	Eric Mialhe
15:30	Pests of "tara" (<i>Caesalpinia spinosa</i>) and its spatio-temporal distribution, in the dry Piura forest: a native plant adapted to a new ecosystem.	Héctor Ramírez
15:45	Conference: Benefits of root-endophytic fungi on growth and stress resistance of plant species inhabiting arid ecosystems.	Marcia González
16:15	Poster ceremony	
16:30	Coffee break	
17:00	What we know and don't know about vascular epiphytes in dry forests.	Glenda Mendieta-Leiva
17:30	Plenary session discussion	
17:50	End of day 2	

DAY 3 (Friday 6 March 2020)

Time	Activity/Title	Autor
08:30	Helpdesk opening	

Session 5: Agricultural and forestry development

09:00	Conference: Towards a more nuanced understanding of the impacts of tree cover on water availability in tropical drylands.	Aida Bargués
09:30	Conference: Dryland forestry challenges and opportunities	David Bush
10:00	Coffee break	
10:30	Application of Azospirillum as a biofertilizer in Barley (<i>Hordeum Vulgare</i>) and Beans (<i>Vicia Faba</i>) crops at field level.	Hugo Apaza
10:45	Propagation techniques for Cacti species in southern Peru desert.	Milagros Jiménez
11:00	Making dry ecosystems economically sustainable in the face of Climate Change.	Werner Guevara
11:15	Assessing the resilience of chinese drylands after active restoration.	Yanning Qiu
11:30	Conference: Environmental determinants and challenges for sustainable forest management in the <i>Prosopis flexuosa</i> woodlands from the Monte desert, Argentina.	Pablo Villagra
12:00	New approach for restoring the tropical dry forests. Are the use of nurse plants an effective method to improve the recruitment of <i>Tara</i> (<i>Caesalpinia spinosa</i>)?.	César Luque-Fernández
12:15	Plenary session discussion	
12:35	End of day 3	

Plenary Presentations - 25min

Short presentations - 12min



POSTERS

AUTHOR - TITLE

Ninell Dedios - Drought response in the phenological behavior of dry-sapote forest species *Capparis scabrida* Kunth on the north coast of the Piura-Peru region.

María de los Angeles la Torre - Implementation of long-term studies of biodiversity and ecosystem services in the dry forest of Pacasmayo, La Libertad, Peru.

Alexander More - Bird diversity Piura dry forest.

Humberto Zelada - Estimation of functional traits in two tree species of a tropical elevational gradient in central Peru.

Bertha García - Potential impact of cc Puyango Tumbes - Garcia & Alcocer.

Erick Miñán - Optimizing flood irrigation based in soil monitoring.

Walter Chanavá - Biomass estimation in the algarrobo (*Prosopis* sp.) dry forest in the Universidad de Piura.

Christian Mauricio - Use of R to analyze the spatial distribution of the dry forest of Piura.

Ricardo Zapata - Soil organic carbon and dead biomass reservoirs in woodlands from the Monte region (Argentina).

Marcos Karlin - Biophysical variables in fertile islands of the Argentinian Arid Chaco.

José Francisco Villasante - Phenology of *Tillandsia purpurea* and its relationship with the presence of fog in the desert of southern Peru.

SIDE EVENTS

Symposium within the framework of the International Detocc Congress

“The decrease of Algarrobo trees in the north of the country”

Day: Tuesday, March 3, 2020 Time: 8:00 a.m. at 12:00 m.

Place: Classroom E-205 of the University of Piura (UDEP).

Welcome reception

The welcome reception will occur on Tuesday, 03 March 2020 at 19:00 at Universidad de Piura campus. This initial gathering will be for getting to know each other and share some snacks.

Conference Dinner

The congress dinner will be on Thursday, 05 March 2020 at 20:00. More information will be provided during the event. More information will be provided during the event.

Fieldtrip

Fieldtrip will be at Bosque de Pómac Historic Sanctuary at Lambayeque city, in a 2h trip from Piura. Nature and history bond in an adventure that will allow the understanding