

## Saturday, September 29th

**Pre-Conference Courses: INTA Centro Regional (Ruta Nacional 12 - Km 7,5)**

|               |                     |
|---------------|---------------------|
| 8:00 - 9:00   | Course Registration |
| 9:00 - 17:30  | Course 2            |
| 10:15 - 10:30 | Coffee Break        |
| 13:00 - 13:45 | Lunch Break         |
| 15:00 - 15:45 | Coffee Break        |
| 17:45         | Closing             |

## Sunday, September 30th

**Pre-Conference Courses: INTA Centro Regional (Ruta Nacional 12 - Km 7,5)**

|               |                              |
|---------------|------------------------------|
| 8:00 - 9:00   | Course Registration          |
| 9:00 - 17:30  | Course 1 / Course 2          |
| 10:15 - 10:30 | Coffee Break                 |
| 13:00 - 13:45 | Lunch Break                  |
| 15:00 - 15:45 | Coffee Break                 |
| 17:45         | Closing                      |
| 18:30 - 20:00 | Ice Breaker and Registration |

## Monday, October 1st

8:00 - 9:20 Registration - Lobby

**Conference Opening Ceremony - Room 1**

9:20 - 9:30 José A. GOBBI (INTA)

9:30 - 9:40 Sandra LUQUE (IUFRO - IRSTEA)

9:40 - 9:50 Octavio INGARAMO (Dir. Centro Regional Misiones - INTA)

9:50 - 10:00 Juan Manuel DIAZ (Minister of Ecology - Misiones Province)

10:00 - 10:45 Room 1 - Keynote Speaker

Eeva PRIMMER - Beyond seeing the forest for the trees:  
understanding the conditions for forest biodiversity governance

10:45 - 11:00 Coffee Break



## Parallel sessions

**11:00 - 13:00**  
**(Oct 1st)**

### Room 2

**S 1.1. Biodiversity islands: pockets of protected land in human dominated environments.** Chairs: Montagnini, Florencia; Levin, Brett and Berg, Kjell E.

**The contribution of agroforestry systems to restoration and conservation in biodiversity islands** by Montagnini, Florencia

**Contribution to the domestication and conservation of the genetic diversity of two native multipurpose species of Misiones-Argentina** by Rocha, Patricia; Buchwies, Ricardo; Thalmayr, Peggy; González, José; Montagnini, Florencia and Niella, Fernando

**Performance of planted non-pioneer native tree species in open fields, young secondary forests, and rubber plantations in Bahia, Brazil** by Piotto, Daniel

**Micro-topography associated to forest edges** by Deconchat, Marc; Fayat, Alexis; Burnel, Laurent; Ladet, Sylvie

**The role of community led action for the creation of biodiversity islands** by Levin, Brett

**Biodiversity conservation; example of ekuri community forestry initiative in Nigeria in the management of native forest and forestry landscapes** by Ogar, Edwin and Agbor, Louis

**Balancing between livelihood security and environmental conservation: the experience of rural households around Turfloop Nature Reserve, Limpopo Province, South Africa** by Oluwatayo, Isaac B.

**Successful community forest management without formal ownership rights: a fuzzy-set Qualitative Comparative Analysis of twelve voluntary forest manage** by van der Zon, Marieke

### Room 3

**S 1.3. Balancing environmental, productive and welfare needs towards a sustainable forest management approach in Mesopotamia, Argentina.** Chair: Zuleta, Gustavo

**Are good practices of Argentina's forestry plantations good enough to prevent environmental degradation?** by Zuleta, Gustavo

**Land Use and Land Cover (LULC) dynamics and their relationships with forest and socio-ecological transition models in Mesopotamia, Argentina** by Espinoza-Mendoza, Victoria E. and Zuleta, Gustavo

**Sustainability as a meeting point: integrating the governance, business and social sectors with biodiversity conservation of the Mesopotamia region** by Abarca, Daniela and Zuleta, Gustavo

**Toward the perpetuity of Misiones' biodiversity, culture, and sustainable development** by Gauto, Juan

**Vision of a forestry company regarding timber production and environmental conservation** by Becerro, Germán; Almada, Cynthia and Pezzutti, Raúl

**Sustainable forestry management in productive landscapes. Multi-scale strategies by Arauco Argentina** by Rivero, L.; Romero, M.; Cortez, P. and Hauri, Bernardo

**Comparing attitudes toward forestry plantations and forest industry in selected communities of Corrientes, Misiones and Buenos Aires** by Diaz, Diana; Gervasi, Laura; Peirano, Claudia and Loiácono, José

**Stand management and water flows in *Pinus taeda* L. in Argentina** by Pezzutti, Raul; Caldato, Silvana; Gyenge, Javier; Schenone, Raul and Sansberro, Pedro

### Room 4

**S 3.7. Innovative management approaches in urban forests. Tools, processes and solutions from green to landscape infrastructure.** Chair: Sanesi, Giovanni

**Spatio-temporal analysis of the air pollution removal service from the urban forest in Chilean cities** by Dobbs, Cynnamon and Miranda, Marcelo

**"Barefoot in the Park" or the comfort of nature in cities** by Salbitano, Fabio

**New approaches in urban forestry: experiences from the Metropolitan area of Milan (Italy)** by Sanesi, Giovanni

**Historic and cultural perspectives on planning urban green and forestry in densely populated Asian cities** by Fan, Peilei

**Societal preferences for heritage tree conservation schemes in Hong Kong** by Hua, Junyui and Chen, Wendy Y.

**Plottier's botanic garden implementation to support the rehabilitation of native flora in North Patagonia** by Faggi, Ana María; Datri L.; López H.; Aquistapace F. and Lecuona J.

**Growing trees in peri-urban areas: ignored or forgotten?** by Lamichhane, Dhananjaya

**Energy saving potential of fragmented green spaces due to their temperature regulating ecosystem services in the summer** by Kong, Fanhua

**13:00 - 14:00**

**Lunch Break**



**14:00 - 16:30**  
(Oct 1st)

## Room 2

**S 4.6. Multifunctional forest landscapes: conflicts, tradeoffs and synergies assessment towards sustainable forest policy design.**  
Chairs: Cristeche, Estela and Gobbi, José

**Modeling Ecosystem Services in a forested landscape in rubber dominant South-Western China: Considering the relative roles of land sharing and sparing for biodiversity conservation** by Sarathchandra, Chaya

**The Lower Delta Parana River information system. A collaborative GIS for the land use planning and the decision makers** by Somma, Daniel; Gaute, Matias; Fracassi, Natalia; Alvarez, Javier; Benítez, Roberto

**Playing the game: defining indicators for impact forest landscapes in the Congo Basin** by Garcia, Claude

**Towards Productive Landscapes: Trade-offs in Tree-cover and Income across a Matrix of Smallholder Agricultural Land-use Systems** by Rahman, Syed; Sunderland, T.; Roshetko, J. M.; Healey J. R.

**Analyzing local participation in natural protected areas through social network analysis** by de la Peña García, Antonio

**Private Forests for Public Goods: The family forestry in the United States** by Zhang, Yaoki

**Envisioning native forest conservation policy: An integrated assessment using discrete multi-criteria decision analysis** by Tello, Diego; de Prada, Jorge; Cristeche, Estela

**Governance for forest landscape restoration in Argentina: where do we stand?** by Flores, Maria Laura

**Lessons from the design and implementation of a PES scheme in Northern Argentina: The GEF-PSE Project** by Gobbi, José; Atanasio, Marcos; Roig, Carlos; Gutierrez, Roberto

## Room 3

**S 3.1. Changes in forest ecosystems of South America between global drivers and regional context.** Chair: Gasparri, N. Ignacio

**Can forest extraction, livestock keeping and tourism be complementary?** by Gowda, Juan; Garibaldi, Lucas; Goldenberg, Matías and Cardozo, Andrea

**Agricultural potential as an indicator for 21st century land use change across South America's ecoregions** by Lucía Zarbá; Grau, H. Ricardo; Gasparri, N. Ignacio and Graesser, Jordan

**The role of distal drives (telecouplings) in the land use change of the Argentinean Dry Chaco in the last decades** by Gasparri, Néstor Ignacio

**Sustainable management of native forest** by Ordenavia, Maria Noelia and Gevaerd Bernal, Paola

**Deforestation divergences in transboundary ecoregions of South-America** by Piquer Rodriguez, Maria; Gasparri, N. Ignacio; Zarbá Lucía and Grau, H. Ricardo

**Documenting past deforestation of the Misiones rainforest and future scenarios: Implications for sustainable forest management** by Navarro Rau, Maria Fabiana; Calamari, Noelia; Mosciaro, María Jesús; Volante, José Norberto and Gavier-Pizarro, Gregorio

**S 1.7. Monitoring biodiversity in forested landscapes: a key component in the adaptive management.** Chair: Zurita, Gustavo A.

**Recovery completeness after natural regeneration of threatened Mediterranean forests in Chile** by Altamirano, Adison; Miranda, Alejandro; Rey-Benayas, José María; Catalán, Germán; Marco Prado

**Biotic integrity for remnants of semi-deciduous seasonal forest in urban landscapes** by Cardoso-Leite, Eliana

**Riparian vegetation dynamics across Forest and Agro-ecosystem landscapes of River Cauvery, south India** by Bc, Nagaraja and Sunil, C

**Responses of bird diversity to eucalypt chronosequence in the Mesopotamic pampa of Argentina** by Pairo, Pamela Eugenia; Aceñolaza, Pablo and Bellocq, M. Isabel

## Room 4

**Consultation & Ideation Workshop: Sustainable Forest Management (FAO - IFSA).**

Chair: Walji, Khalil

**16:30 - 18:30**

**Poster Session & Wine Tasting - Room 5**



## Tuesday, October 2nd

**8:30 - 9:30**      **Registration - Lobby**

**9:30 - 10:15**      **Keynote Speaker - Room 1**  
**Florencia MONTAGNINI: Biodiversity and food sovereignty**

**10:15 - 10:30**      **Coffee Break**

### Parallel sessions

**10:30 - 12:30**

#### Room 2

**S 1.8. Agroforestry: building relationships between human populations and nature to make forest and agricultural landscapes sustainable.** Chairs: Smith, Jo; Pantera, Anastasia; Palma, João and Moreno, Gerardo

**Perceived values of agroforestry landscapes in different European contexts: what matters and for whom?** by Elbakidze, Marine; Surova, Diana; Muñoz-Rojas, José; Pinto-Correia, Teresa and Plieninger, Tobias

**Examining the likelihood of agroforestry adoption with respect to conventional agriculture in Dhanusha district of Nepal: An econometric analysis** by Dhakal, Arun and Rajesh Kumar Rai

**Research in agroforestry: the AGFORWARD project in Greece** by Pantera, Anastasia; Papadopoulos, Andreas; Mantzanas, Konstantinos; Papanastasis, Vasileios and Fotiadis, Georgios

**Indicators of ecosystem services in silvopastoral systems in the La Vieja River Basin, Quindío-Valle del Cauca – Colombia** by Solarte, Antonio; Velasquez, Elena and Lavelle, Patrick

**Evaluation of reforestation success of 19 native tree species of tropical dry forest in cattle ranching landscapes in the Azuero Peninsula, Panama** by Chang, Veronica; Lechner, Jonas; Slusser, Jacob and Montagnini, Florencia

**Ecology of *Cola nitida* (Vent.) Schott & Endl and *Garcinia kola* Heckel and their potentials for recruitment of undergrowth species across two climatic gradients in Nigeria** by Agwu, Onyebuchi Patric

**Hurricane disturbance & recovery: Puerto Rico's opportunity to promote resilient agriculture learning from Cuba's agroecology practices** by Santiago, Sara

#### Room 3

**S 3.6. Large scale land use and change models and forest carbon estimates.** Chair: Ometto, Jean P.

**Brazilian Amazon biomass map: use of Lidar technology** by Ometto, Jean

**The effects of tree-fall gaps disturbances on the carbon cycle and forest dynamics of tropical Forests** by Espirito-Santo, Fernando

**Forest degradation effects on carbon budgets for the Brazilian amazon** by Keller, Michael

**Biomass and carbon stocks of non-arboreal components in a Tropical Forest** by Vieira, Simone; Flora Ramos, Rafael; Bakker, Yvonne Vanessa; de Campos Padgurschi, Maira and Joly, Carlos

**Dynamics of forest cover, volume, biomass and carbon in the Brazilian native forests: 1990-2015** by Sanqueta, Carlos

#### Room 4

**S1.6. Management of native forest and forestry landscapes for biodiversity conservation.** Gavier-Pizarro, Gregorio; Fracassi, Natalia and Bernardos, Jaime

**Evergreen forest rehabilitation in Pumillahue, Chile, through supplementary planting of native timber species** by Ipinza, Roberto; Gutierrez, Braulio; Gonzalez, Jorge; Molina, Maria Paz and Rojas, Patricio

**Relative importance of local habitat condition and landscape factors for anuran conservation in forested agricultural areas of Entre Ríos, Argentina** by Suarez Romina Paula; Gavier-Pizarro, Gregorio and Solari, Laura

**Management of minimum impact for diversity conservation in native lowland forests of Marajó Island, State of Pará, Brazil** by Pinheiro de Matos Bentes, Michelliny; Leite de Queiroz, José Antônio; Guimarães Teixeira, Raimundo Nonato; Rangel Galeão, Ruy; Oliveira de Souza, Victória Cristina and Higino, Taissa

**Stark increase in potential sink habitat for giant anteaters in the Argentine Chaco due to land-use change** by Decarre, Julieta; Baumann, Matthias; Di Blanco, Yamil; Camino, Micaela, Gómez-Valencia, Bibiana and Kuemmerle, Tobias

**Identifying connectivity corridors for marsh deer in a landscape dominated by afforestations in the delta of the Paraná River, Argentina** by Fracassi, Natalia G.; Pereira, Javier Adolfo and Saura Martinez Toda, Santiago

**Wind effect on trees in riparian areas in forested landscapes** by Bustos-Letelier, Oscar

**Ecological sustainability of a forest plantation based on species diversity along gradients of land use and vegetation: a multivariate approach** by Dezzotti, Alejandro; Mortoro, A., Attis Beltrán, H., Medina, A., Sbrancia, R.

**How do commercial plantations developing in agricultural landscape matrices affect bird community composition of the natural grassland and subtropical forest?** by Vaccaro, Anahí and Bellocq, María Isabel





**12:30 - 13:30**

## Lunch Break

**13:30 -14:15**

### Keynote Speaker - Room 1

**Thomas KNOKE - Possible consequences of integrating ecosystem services into tropical land-use planning**

### Parallel sessions

**14:30 - 16:30**  
**(Oct 2nd)**

#### Room 2

**S 4.1. Mapping and assessment of ecosystems and their services: Operational support towards scenarios for management.** Chairs: Luque, Sandra and Elbakidze, Marine

**Multi-scale approach to assess forested landscapes ecosystem services and trade-offs in multi-functional systems** by Luque, Sandra

**Mapping and assessment of ecosystems and their services: Operational support towards scenarios for management** by Fürst, Christine

**Landscape monitoring of Spanish forests from 1956 to 2018: Updated results coming out from the 5th SISPADES survey** by González-Ávila, Sergio; López-Leiva, César; Gómez-Sanz, Valentín; Ortega, Marta and Elena-Rosselló Ramón

**SISPADES 2018: updated assessment of passive restoration after abandonment and subsequent changes of land uses in Spain since 1956** by López-Leiva, César; González-Ávila, Sergio; Elena-Rosselló, Ramón; Barriga, Mónica and Ortega-Quero, Marta

**Innovative approaches for forest stewardship at landscape scale** by Sepp, Kalev; Külm, Siiri; Kaasik, Are; Villoslada, Miguel and Raet, Janar

**Future scenarios of forest loss in the Argentinian Gran Chaco: determinants and impacts on ecosystem services provision** by Volante, José N.; Mosciaro, María Jesús; Calamar, Noelia; Navarro, María Fabiana and Gavier-Pizarro, Gregorio

**The potential impact of economic policies on future land-use conversions in Argentina** by Piquer-Rodríguez, María; Baumann, M.; Butsic, V.; Gasparri, I.; Gavier-Pizarro, G.; Volante, J. N.; Müller, D.; Kuemmerle, T. and Villoslada, Miguel

**Time series and cross correlation analysis of forest changes** by Tarantino, Cristina; Adamo, Maria; Vicario, Saverio; Lucas, Richard and Blonda, Palma

**Impact of land use and land cover change in the spatial assessment of ecosystem services in Phewa watershed, Nepal** by Paudyal, Kiran; Baral, Himlal; Bhandari, Santosh P. and Keenan, Rodney J.

#### Room 3

**S 3.5. Climate change and forest health: towards an effective policy decision making.** Chairs: Sicard, Pierre and De Marco, Alessandra

**Urban forest in climate stress – the policy option's** by Gupta, Hari Shanker and Rastogi, A.K

**Climate resilience for hyderabad metropolitan area by adaptive management of urban reserve forest ecosystems** by Gopidi, Chandrashekar Reddy

**Evaluation of silvicultural management in the ecological rehabilitation process of the La Poma Ecological Park, Colombia** by Molina Martinez, Ingrid Janethe; Silva Herrera, Luis Jairo and Rojas Ramirez, Femey Augusto

**Vulnerability to climate change and forest dependent communities household level study in drought prone areas of West Bengal, India** by Basu, Jyotish Prakash

**Climate change impacts and adaptive capacity of tropical forest ecosystems and livelihoods** by Akande, Samuel Olumide

**Including forests ecosystems into voluntary carbon market to prevent deforestation and contribute with sustainable development in Paraguay** by Pizzumo, Cecilia

**Global change, vulnerability and adaptive management of forested landscapes – How to manage biodiversity threats?** by Ogar, Edwin; Agbor, Agatha and Oyamo, Vincent

#### Room 4

**S 3.2. Measuring and monitoring carbon stocks and ecosystem services in degraded forests under climate change.** Chairs: Hirata, Yasumasa and Stokes, Alexia

**Disturbance impacts on carbon stock and tree community composition in Andean forests in Peru** by Miyamoto, Kazuki; Sato, Tamotsu; Arana Olivos, Edgar Alexs; Clostre Orellana, Gabriel; and Rohner Stornaiuolo, Christian Marcel

**Carbon stock assessment of forested areas along a disturbance gradient to address reforestation and avoided degradation in Leyte, Philippines** by Veridiano, Rizza Karen

**Forest carbon stock estimation using original allometric equations in Paraguay** by Sato, Tamotsu; Saito, Masahiro; Ramirez, Delia; Pérez de Molas, Lidia F.; Toriyama, Jumpei; Monda, Yukako; Yoshiyuki Kiyono; Diaz Lezcano, Maura Isabel; Herebia, Emigdio; Dubie, Nora; Duré Vera, Edgardo; Ramirez Ortega, Jorge David and Vera de Ortiz, Mirtha

**Modeling forest landscapes for promoting oaks in a changing climate** by Iverson, Louis R.; Peters, Matthew P.; Matthews, Stephen N.; Prasad, Anantha; Hutchinson M. Todd F.; Rebeck Joanne and Bartig,

**Forest carbon stock mapping for identification of forest degradation using Landsat data for REDD+ implementation in Peru** by Hirata, Yasumasa; Vega Isuhuaylas, Luis Alberto; Ventura Santos, Lenin Cruyff and Serrudo Torobeo, Noemi

**Forest ecosystem response to flooding stress: An experiment simulating climate-change-induced extreme events** by Mander, Ülo

**Above-ground role carbon stock estimation using forest inventory and remote sensing data for secondary forest ecosystem in Ibadan, Nigeria** by Aghimien, Ehimwenma Victor



16:30 - 16:45

## Coffee Break

### Parallel sessions

16:45 - 19:00  
(Oct 2nd)

#### Room 2

##### S 4.1. (cont.)

**Spatial analysis of the carbon stock in biomass of the Mbaracayu Forest Biosphere Reserve, Department of Canindeyú** by Galluppi Selich, Tatiana; Villalba Marín, Lucía Janet; Salas Dueñas, Danilo; Rodríguez Yakisich, Laura and Rika Kubota, Victoria

**Use of ecosystem services concept in ecological restoration: lessons from temperate and tropical dry forests** by Jerabkova, Lucie; Murcia, Carolina; Rubiano, Jorge; Navia, Joaquin; Millington, James D. A. and Mulligan, Mark

**Can InVEST-habitat quality model with landscape pattern index useful to detect and map mountain biodiversity change** by Gong, Jie

**Can ecosystem services be agents?** by Lenfers, Ulfia Annette

**Drivers of change in forestry and agriculture in Europe and Central Asia: outcomes of a IPBES regional assessment** by Elbakidze, Marine and Dawson, Lucas

#### Room 3

##### S 3.5. (cont.)

**Conserving forest biodiversity and maintaining livelihood security of the vulnerable population in the Western Ghats under a changing climate** by Krishnapillai, Shadananan Nair

**Building climate-resilient ecosystems at protected areas in Bangladesh** by Uddin, Md. Shams

**Correlation between watershed ecological vulnerability and ecosystem services: a case study of bailongjiang watershed in Southern Gansu** by Gong, Jie

#### Room 4

##### OP 3.3. Fire dynamics - impacts in forests and people. Chairs: Armenteras, Dolors and Salbitano, Fabio

**Modeling fire ignition patterns in Mediterranean urban interfaces** by Elia, Mario; Giannico, Vincenzo; Laforteza, Raffaele and Sanesi, Giovanni

**Exploring the concept of fire protection ecosystem service in changing forested landscapes** by Azevedo, João; Fernandes, Paulo; Rodrigues, Ana Paula; Alonso, Joaquim; Honrado, João, Perera, Ajith and Sil, Angelo

**Forest biomass reduction due to escaped savanna fires: gallery forests of the Orinoco at risk** by Meza Elizalde, María

##### S 1.5. Major trends in forest degradation in Latin America: which way forward? Chairs: Armenteras, Dolors and Sist, Plinio

**What lies beneath: contiguous forest cover and forest degradation in the Peruvian Amazon** by Rockwell, Cara; Guariguata, Manuel, Almeyda Zambrano, Angelica; Broadbent, Eben and Quaadvlieg, Julia

**Large scale monitoring of forest disturbances in the Brazilian Amazon with the  $\Delta rNBR$  index** by Beuchle, René; Shimabukuro; Egidio Arai, Yosio; Aragão, Luiz and Langner, Andreas

**Multi-scale spatial planning in deforestation frontiers of the Argentine Chaco: opportunities to reduce forest fragmentation and connectivity loss** by Torrella, Sebastián; Piquer-Rodríguez, María; Levers, Christian; Ginzburg, Rubén; Gaviera-Pizarro, Gregorio and Kuemmerle, Tobias

**Environmental and socio-economic roles of natural tropical forests in restoration schemes** by Sist, Plinio and Ngobieng, Marie-Ange

**Forest restoration in the humid tropics: lessons drawn from a systematic map** by Blanc, Lilian; Ratel, Ophélie; Nicolini, Eric; Couedel, Emilie and Sist, Plinio

**Landscape Ecohydrology for people: patterns, ecosystem services, and the role of the community in Bolivian sub-Andean region** by Salbitano, Fabio; Castelli, Giulio; Pacetti, Tommaso; Kempff, Yandery and Sanchez-Azofeifa, Arturo

19:00

## Reunion IUFRO LA + WP-LE - Room 2



**Wednesday, October 3th**

**7:30**

**Buses will leave from the Urbano Posadas Hotel  
(Bolivar 2176, Posadas)**

**Option 1**

**SANTA ANA:**  
Private Nature Reserve  
and Jesuit Ruins

**Option 2**

**SAN IGNACIO:**  
Teyú Cuaré Provincial  
Park and Osununú  
Natural Reserve  
(Fundaciones Temaikén)

**Option 3**

**OBERÁ:**  
Arroyo Ramón  
Watershed and  
Enchanted Fall (Salto  
Encantado)

**20:00**

**Expected arrival time to Posadas**



## Thursday, October 4th

9:30 - 12:15

### Room 2

**4.3. Ecosystem services for forest sustainable use governance: A light beyond the tunnel?** Chairs: Rusch, Graciela M. and Plieninger, Tobias

**Assessing thresholds in ES change to operationalize sustainable use goals: the case of the native Forest Law in Argentina** by Rusch, Verónica; Varela, Santiago; Goijman, Andrea and Rusch, Graciela

**Local governance mechanisms and social network analysis: modeling to learn, participating to decide. Lessons from Misiones, Argentina** by von Below, Jonathan

**Innovative modes of governing forest ecosystem services** by Primmer, Eeva

**Selective logging of wood in native forest: economic analysis** by Benito Amaro, Ignacio; Egolf, Patricia; Pinazo, Martin and Colcombet, Luis

**Community based natural resource management and the neglect of local institutions in policy development** by Kamoto, Judith

**Diversified use of forest resources vs charcoal specialization: the case of Copperbelt Province, Zambia** by Kazungu, Moses

**Are Buffer Zones useful for the conservation of biodiversity in Miombo woodlands? The case of Chimanimani NR in Mozambique** by Virtanen, Pekka

**Biodiversity dynamics of Miombo species in Gorongosa: Effect of fire, soil, termites and human pressure** by Antonio, Camilo

### Room 3

**S 2.1. Forest Biodiversity Indicators and Monitoring.** Chairs: Barbati, Anna and Gosselin, Frédéric

**Biodiversity indicators as interfaces between ecological research and environmental management: hints on some key properties** by Gosselin, Frédéric; Gosselin, Marion; Bouget, Christophe and Godeau, Ugoline

**Modelling bryophyte biodiversity patterns in a highly manage landscape with lidar derived indices** by Bourgouin, Maurane

**Biodiversity values of Brazilian native vegetation – How much is protected by the Forest Act?** by Freitas Flavio

**Imultiscale socio-ecological networks in the age of information** by Lenormand, Maxime and Luque, Sandra

**LandOpt - an interface between forest model simulations and optimization tools for trade-off analysis at landscape scale** by Palma, João H. N. and Garcia-Gonzalo, Jordi

**S 2.2. Monitoring forest biodiversity using remote sensing.** Chairs: Feret, Jean Baptiste and Santos, Maria J.

**How to capture the Mediterranean forested landscape complexity using remote-sensing tools** by Alleaume, Samuel; Lang, M.; Féret, J. B.; Diouf, I. and Luque, S

**Using remote sensing and ecological data to determine priority areas for conservation** by Salas Gómez, Ana Paola; Cardoso-Leite, Eliana and de Oliveira Avena Valente, Roberta

**Mapping changes of forest ecosystem services in the conditions of forest disturbances and the afforestation of abandoned agricultural land using remotely sensed images** by Peterson, Urmas and Liira, Jaan

**Forest volume-to-aboveground tree biomass models for the secondary forest in IITA, Ibadan, Nigeria** by Aghimien, Ehimwenma Victor

**Looking back to move forward: analyzing imagery to understand environmental change and communicate operational options** by Colville, David

### Room 4

**OP 2.3. Connectivity and landscape patterns in human dominated landscape.** Chair: Sepp, Kalev

**The point of no return: Landscape transformation in the tropics does not necessarily lead to improved livelihood outcomes** by Sunderland, Terence

**Forest cover connectivity and fragmentation of the coffee cultural landscape of Valle del Cauca, Colombia, between 2000 and 2014** by Jorge Eliecer Rubiano Mejia

**Assessing reforestations and their effects on connectivity at the ecoregional scale through the updated (2018) Spanish Rural Landscapes Monitoring System** by González-Avila, Sergio; López-Leiva, César; Sánchez-Gómez, Daniel C.; Santiago Saura and Elena-Rosselló, Ramón

**Composition and structure of human dominated habitats in Estonia and their role in species distribution** by Pungar, Diana; Bunce, Robert H. G. and Sepp, Kalev

**A composite graph theoretic modeling for landscape connectivity to inform government policy of biodiversity conservation** by Mohammed, Shariful Islam





**12:15 - 13:15 Lunch Break**

**13:15 - 14:00** **Keynote Speaker - Room 1**  
**Fermín OLABE - Biodiversity conservation and use of natural resources: Two arms of the same body**

**Parallel sessions**

**Room 2**

**S 1.4. Environmental education for biodiversity and ecosystem services conservation.** Chair: Ávila Akerberg, Víctor

**The core role of environmental education in biodiversity conservation** by Pungar, Duana; Sepp, Kalev and Kivistik, Maris

**Biodiversity, ecosystem services and environmental education in a forested watershed near Mexico City** by Ávila-Akerberg, Víctor; Gonzalez-Martinez, Tanya and Lopez-Mathamba, Luis Angel

**Perception of environmental quality in cities located in the Brazilian Atlantic Forest** by Eleuterio, Ana Alice and Dobbs, Cynnamon

**Course syllabus "The impact of climate change on forest"** by Gulca, Vitalie and Alcazar, Jorje

**Mindscapes and landscapes: foregrounding Ghana's Community Resource Management Area (CREMA) mechanism as a social learning tool for forested landscape management** by Manteav, Bob

**Farmers' perceptions on propagation and the impacts climate change on goods and services provided** by Garcinia kola Heckel in southern Nigeria by Agwu, Onyebuchi Patrick; Bakayoko, A. and Jimoh, S. O.

**Room 3**

**S 4.4. Role of external actors on forest institutions: a multidisciplinary approach.** Chairs: Santos, Maria J. and Barnes, Clare

**Role of actors in building local capacity to achieve forest management and conservation** by Maria J. Santos; Vera Concha, Ivan and Barnes, Clare

**The World Bank and forest policy reforms in southern Latin America** by Burns, Sarah L; Mijailoff, Julián and Giessen, Lukas

**Participation and forest watershed governance: Perceptions, Realities and Solutions** by Adeyeye, Yemi and Hagerman, Shannon

**Community participation in forest conservation: case study of two fringe communities in the Rain II Forest Reserve, Sunyani West District** by Opuni-Frimpong, Nana Yeboaa and Ania, Peter K.

**The Importance of Small, Boring Things: Microinstitutionalization as an Underappreciated Element of Adaptive Environmental Governance** by Abrams, Jesse

**Actor Networks and power relations in forest landscape restoration: A comparative case study of Gishwati and Mukura Landscapes, Rwanda** by Assumpta, Uzamukunda

**14:15 - 15:45**  
**(Oct 4th)**

**15:45 - 16:30 Poster Session + Mate Tasting (Room 5)**

**16:30 - 18:30**

**Room 2**

**Forum on "Forest Education". Round table: Avila, Víctor, Azevedo, João.** Chairs: Rodríguez, Sandra and Walji, Khalil

**Room 3**

**Open Forum: Program ONU-REDD (MayDS, FAO, UNEP, UNDP)**

**20:00 - 23:00 Conference Dinner and Show - Restaurante Posadas**



## Friday, October 5th

**9:30 - 11:00** Open Forum Science in Dialogue. Round table: Elbakidze, Marine; Furst, Christine; Gobbi, José; Iverson, Louis; Knoke, Thomas & Primmer, Eeva. Chair: Luque, Sandra - Room 1

**11:00 - 11:45** Coffee Break

### Closing Ceremony: Room 1

**11:45 - 11:55** José A. GOBBI (INTA)  
**11:55 - 12:05** Sandra LUQUE (IUFRO - IRSTEIA)  
**12:05 - 12:30** Presentation Next IUFRO 2019 Conference in Curitiba (Brazil)  
by Yeda DE OLIVEIRA (EMBRAPA)  
**11:30 - 12:00** INTA + Government Misiones

**13:00 - 14:00** Good bye Lunch + Guitar player

