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Scientific Program

7th International Conference on
**BIODIVERSITY CONSERVATION AND
ECOSYSTEM MANAGEMENT**

July 26-27, 2018 | Melbourne, Australia



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Keynote Forum

- 09:10-09:50 **Title: Strengthening indigenous informal seed systems in Southeast Asia**
Ricky Bates, Penn State University, USA
- 09:50-10:30 **Title: Vulnerability of women's livelihoods and their coping mechanisms in the face of climate change in coastal regions of Bangladesh**
Salim Momtaz, University of Newcastle, Australia
- 10:30-11:10 **Title: Two 'Golden Grains' from the treasure trove of rich Indian traditions**
Mini N Vijayan, Carmel College of Arts, Science & Commerce for Women, India

Refreshments and Networking Break @Pre-Function Area/Foyer: 11:10-11:30

Sessions: Biodiversity | Sustainable Development | Climate Change and Global Warming | Vulnerable Species | Plant and Animal Biodiversity | Forestry

Session Chair: Ricky Bates, Penn State University, USA

Session Chair: Mini Vijayan, Carmel College of Arts, Science & Commerce for Women, India

- 11:30-11:55 **Title: Exploration of land-cover changes using GlobLand30 2000-2010 at the national level in Mexico**
Rafael Moreno-Sanchez, University of Colorado Denver, USA
- 11:55-12:20 **Title: Activity pattern of Asiatic black bear and its hibernation related to the climate change by analyzing the camera trapping data**
Xuehua Liu, Tsinghua University Beijing, China
- 12:20-12:45 **Title: Biodiversity conservation and enhanced medicinal properties in Asparagus racemosus Willd**
Ashok Kumar, Forest Research Institute, India
- 12:45-13:10 **Title: The role of Protected Areas in wildlife conservation of Republic Sakha (Yakutia)**
Vladimirtseva M V, IBPC SB RAS, Russia

Lunch @Lake Room Lobby: 13:10-14:00

- 14:00-14:25 **Title: Amphibian and reptiles of Yakutia, their distribution and biodiversity**
Solomonov K S, NEFU, Russia
- 14:25-14:50 **Title: Monitoring of land use change characteristics in coastal zone in China from 2000 to 2015 by remote sensing techniques**
Xiyong Hou, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, P.R. China
- 14:50-15:15 **Title: 'Pathila' concept-Ten traditional leafy vegetables from South Indian wild flora**
Mini N Vijayan, Carmel College of Arts, Science & Commerce for Women, India
- 15:15-15:40 **Title: Altitudinal Diversity of birds in Panchase protected forest, Nepal**
Rishi Baral, National Trust for Nature Conservation, Annapurna Conservation Area Project, Nepal

Refreshments and Networking Break @Pre-Function Area/Foyer: 15:40-16:00

Young Research Forums

- 16:00-16:15 **Title: Biodiversity of Manukau Mangroves; What's really in there?**
Amrit Melissa Dencer-Brown, Auckland University of Technology, New Zealand
- 16:15-16:30 **Title: Sustainable harvesting, conservation and analysis of genetic diversity in *Polygonatum verticillatum* (Linn.)**
Anchal Rana, Forest Research Institute, India
- 16:30-16:45 **Title: Integration of Agricultural education and biodiversity: Introducing Synecoculture into elementary school in Taiwan**
Kai Yuan Lin, University of Tokyo, Japan
- 16:45-17:00 **Title: Impact of anthropogenic disturbance on Anurans habitat and species diversity in Silago, Southern Leyte, Philippines**
Wilbert A Aureo, Bohol Island State University, Philippines

Panel Discussion

Day 2 July 27, 2018

Lake 1/2

Keynote Forum

09:30-10:10 Title: **Yakutia as the territory of the crane most diversity in the northern part of Asia-Pacific region**
Solomonov N G, Institute for Biological Problems of Cryolithozone Siberian Branch of RAS, Russia

10:10-10:50 Title: **Butterfly-flower interactions and biodiversity in the changing environments**
Aluri Jacob Solomon Raju, Andhra University, India

Refreshments and Networking Break @Pre-Function Area/Foyer: 10:50-11:10

11:10-11:50 Title: **MHC genes in Malayan tapir (*Tapirus indicus*): The implication in ex-situ conservation**
Geetha Annavi, Universiti Putra Malaysia, Malaysia

Session: Ecology and Biodiversity Conservation | Marine Biodiversity | Biodiversity and Food Security | Threats to Biodiversity
| Environmental Pollution & Management

Session Introduction

Session Chair: **Solomonov N G**, IBPC Siberian Branch of RAS, Russia

Session Chair: **Aluri Jacob Solomon Raju**, Andhra University, India

11:50-12:15 Title: **Dynamic of consecutive dry-wet days in the coastal area of China during 1961~2017**
Xiaoli Wang, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China

12:15-12:40 Title: **Dramatic morphological changes caused by intensive coastal development: A case study in the Longkou Bay, China**

Dong Li, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China

12:40-13:05 Title: **Reproductive ecology of *Humboldtia decurrens* Bedd. ex Oliver: An endemic legume of the Western Ghats, India**
A K Sreekala, Jawaharlal Nehru Tropical Botanic Garden and Research Institute, India

Lunch @Lake Room Lobby: 13:05-13:55

13:55-14:20 Title: **Assessing changes of habitat quality for shorebirds in stopover site: a case study in Yellow River Delta, China**
Xiaowei Li, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China

14:20-14:45 Title: **Pattern of genetic variation in endangered medicinal himalayan herb, *Picrorhiza kurroa*, assessed using DNA markers, implication for genetic enhancement and ex situ conservation**
Avinash Kumar, Vinoba Bhave University, India

14:45-15:10 Title: **From the cultural Desk of India-Expressions of Agro-biodiversity in a festival called 'Thiruvathira'**
Mini N Vijayan, Carmel College of Arts, Science & Commerce for Women, India

Young Researchers Forum

15:10-15:25 Title: **Behaviours of endangered Malayan tapir (*Tapirus indicus*) in relation to ecological, climatic and anthropogenic factors: implications for captive management and conservation**
Kalai Arasi Arumugam, Universiti Putra Malaysia, Malaysia

15:25-15:40 Title: **Metabarcoding and culturing to investigate the diverse fungi associated with cabbage in and their bio-control potential**
Michal Kuchar, Bio-Protection Research Centre, New Zealand

Refreshments and Networking Break @Pre-Function Area/Foyer: 15:40-16:00

16:00-16:20 Title: **Forest fires and soil loss: A threat to biodiversity**
Jaime Senabre, Director of SINIF, Spain

16:20-16:55 Title: **Documentary from ColombiaBio Program**
Sara Bautista, Colciencias, Colombia

Awards & Closing Ceremony