

57<sup>th</sup> OMICS Group Conference

# *Scientific Program*



International Conference on

# **Biodiversity & Sustainable Energy Development**

September 14-15, 2012 Hyderabad International Convention Centre, India



## **“Organize your Events at OMICS Group Conferences”**

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to [symposia@omicsonline.com](mailto:symposia@omicsonline.com)

## **OMICS Group Conferences**

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9:00-9:30

## Opening Ceremony

### Keynote Forum

9:30-9:35 Introduction

9:35-10:00 **Aluri Jacob Solomon Raju**  
Andhra University, India

10:00-10:25 **A V N Swamy**  
JNTUCEP, India

Coffee Break 10:25-10:40

10:40-11:05 **A Ashok Kumar**  
ICRISAT, India

11:05-11:30 **A Swaroopa Rani**  
JNTUH, India

11:30-11:55 **K S Tilak**  
Acharya Nagarjuna University, India

### Track 1: Ecosystem and Ecography

Session Introduction

11:55-12:15 **Title: Biological consequences of climate change: Implications for arthropod diversity, pest management and food security**  
**Hari C Sharma**, ICRISAT, India

12:15-12:35 **Title: Descriptive ecology approaches to an urban landscape in Qatar**  
**Hatem Galal A Ibrahim**, Qatar University, Egypt

Lunch Break 12:35-1:20

1:20-1:40 **Title: Colonization and feeding preference of Perionyx excavatus, an epigeic earthworms with respect to nutrient and antinutrient content of different leaf litters under controlled laboratory conditions**  
**Partha Pratim Chakravorty**, Raja N L Khan Womens College, India

1:40-2:00 **Title: Telson spine is a variable diagnostic feature in Metapenaeus brevicornis**  
**Angsuman Chanda**, Raja N L Khan Women's College, India

2:00-2:20 **Title: Population status of Aquilaria malaccensis Lam.: A critically endangered tree species of India in Assamese homegardens**  
**P Saikia**, Central University of Jharkhand, India

2:20-2:40 **Title: Reproductive ecology of some non-viviparous mangrove plant species**  
**Aluri Jacob Solomon Raju**, Andhra University, India

2:40-3:00 **Title: Diversity and uses of different bamboos of Assam**  
**Pratibha Sharma**, Tezpur University, India

3:00-3:20 **Title: Disappearance of indigenous languages a major threat to traditional knowledge, special focus on India**  
**Ch Pulla Reddy**, K V Ranga Reddy Law College, India

Coffee Break 3:20-3:35

3:35-3:55	<b>Title: Conservation of medicinal plants in the Uttarakhand Himalaya</b> Vishwambhar Prasad Sati, Government KRG Post Graduate Autonomous College, India
3:55-4:10	Panel Discussion
<b>Track 5: Biofertilizers and Biopesticides</b>	
<b>Track 6: Linking Hydrology and Biodiversity</b>	
<b>Session Introduction</b>	
4:10-4:30	<b>Title: Deproteinised juice as cost effective fermentation medium for production of biosurfactant by soil fungi</b> Uma Aulwar, S. P. College, India
4:30-4:50	<b>Title: Cloning &amp; expression of an eukaryotic tyrosinase gene into a prokaryote for sea food waste management</b> Gopal Samy B, St. Michael College of Engineering & Technology, India
4:50-5:10	<b>Title: Diversity of plant growth promoting bacteria in probiotic agricultural products</b> M Grover, Central Research Institute for Dryland Agriculture, India
5:10-5:30	<b>Title: Clinico pathological effects of pesticides exposure on farm workers</b> Rajendra Gujetya, Govt.P.G.College, India
5:30-5:50	<b>Title: Utilization of distillery spent wash as a source of biogas and fertilizer for sugarcane (Saccharum officinarum)</b> Dheeraj Rathore, The University of Dodoma, Tanzania
5:50-6:05	Panel Discussion
<b>MR-1.03</b>	
<b>Track 2 Origin of Species and Evolution</b>	
<b>Track 3: Biodiversity, Energy Systems and Environmental Sustainability</b>	
<b>Track 4: Plant Pathology and Microbiology</b>	
11:55-12:15	<b>Title: Biodiversity conservation in fragmented landscapes using agroforestry</b> Shibu Jose, University of Missouri, USA
12:15-12:35	<b>Title: DNA fingerprinting of the genus Cucumis using nuclear and chloroplast DNA sequences</b> S Rama Rao, North-Eastern Hill University, India
<b>Lunch Break 12:35-1:20</b>	
1:20-1:40	<b>Title: Flowering and fruiting phenology of selected woody species in tropical dry evergreen forest on the Coromandel Coast of India.</b> D Ramamoorthy, Pondicherry University, India
1:40-2:00	<b>Title: Carbon sequestration in aboveground and belowground biomass in four different sacred groves in Sivagangai district of Tamil Nadu, India</b> S M Sundarapandian, Pondicherry University, India
2:00-2:20	<b>Title: Genetic diversity in Symplocos racemosa Roxb. from Western Ghats, a biodiversity hotspot of India</b> Sofia Banu, Gauhati University, India
2:20-2:40	<b>Title: Ultra structural alterations in gills of Labeo rohita exposed to thermal extremes</b> T Das, Raja N. L. Khan Women's College, India
2:40-3:00	<b>Title: Bio-efficacy of different antibacterial antibiotic, plant extracts and bioagents against bacterial blight of soybean caused by Pseudomonas syringae pv. Glycinea</b> G P Jagtap, Marathwada Krishi Vidyapeeth, India
3:00-3:20	<b>Title: Are recommended agricultural dose (RAD) of insecticides safe for non-target sub-soil organisms?</b> R Dasgupta, Raja N L Khan Women's College, India
<b>Coffee Break 3:20-3:35</b>	
3:35-3:55	<b>Title: Assessing agricultural vulnerability due to climate change using NDVI trends</b> Kaushalya Ramachandran, CRIDA, India
3:55-4:15	<b>Title: Hepatotoxic effects of municipal sewage effluent on Mystus tengara: A biochemical and histopathological analysis</b> P B Reddy, Government P. G. College, India
4:15-4:35	<b>Title: Levels of exploitable heterosis in three way and doble crosses for sugar yield and related traits in sweet sorghum</b> P Srinivasa Rao, ICRISAT, India
4:35-4:50	Panel Discussion

**Day 2**

**September 15, 2012**

**Hall 1**

**Track 7: Biodegradation and Bioremediation for Conservation**

**Track 8: Biodiversity in Earth Science and Climate Change**

**Session Introduction**

- 9:30-9:50 **Title: Mitigation of adverse effects of salinity stress in plants colonized by arbuscular mycorrhizal fungi**  
Bhoopander Giri, Swami Shraddhanand College, India
- 9:50-10:10 **Title: Global environmental changes and its adverse effects on human health: A sociological concern**  
R Ravi Kumar, Osmania University, India
- 10:10-10:30 **Title: Molecular characterization of diverse arsenic resistant estuarine bacteria for *insitu* bioremediation of arsenic contaminated aquifers**  
Merla Sri Lakshmi Sunita, JNTUH, India

Coffee Break 10:30-10:45

- 10:45-11:05 **Title: Removal of lead (II) from aqueous solution by adsorption using *Grewia Orbiculata* L.: Equilibrium, kinetic and thermodynamic studies**  
Rakesh Namdeti, K L University, India
- 11:05-11:25 **Title: Climate change impacts on coastal zone biodiversity**  
R C Panigrahy, Berhampur University, India

11:25-11:40 Panel Discussion

Track 9: Biogeochemical Cycles and Food Webs

Track 10: Biodiversity in Earth Science and Climate Change

Session Introduction

- 11:40-12:00 **Title: Arsenic tolerance and accumulation through a hypersaline food web**  
Frank J Dirrigl, The University of Texas-Pan American, USA
- 12:00-12:20 **Title: Freezing of pcms in cylinders under conduction control**  
Subrahmaniyam Susarla, GGI, India

Lunch Break 12:20-1:05

- 1:05-1:25 **Title: Biodiversity can play a vital role for the improvement of apples**  
K K Pramanick, Indian Agricultural Research Institute, India
- 1:25-1:45 **Title: Pongamia based sustainable bio-energy system**  
M V R Prasad, VAYUGRID, India
- 1:45-2:05 **Title: Biodiversity and distribution of phytoplasma infecting crop plants in India**  
M Krishna Reddy, Indian institute of Horticultural Research, India
- 2:05-2:25 **Title: Public participation in sustainable use and conservation of biological resources- An Indian experience in the light of Biological Diversity Act**  
A David Ambrose, University of Madras, India
- 2:25-2:45 **Title: Biodiversity ethno ecological study of CPR institutions of fishermen in coastal Andhra Pradesh: An anthropological inquiry**  
S David Brynerd, University of Hyderabad, India
- 2:45-3:05 **Title: Agaric diversity of south India- An inventory of indigenous mushrooms**  
V Kaviyaran, University of Madras, India
- 3:05-3:25 **Title: Women initiatives for biodiversity & sustainable development**  
K Prasanna Rani, K V Ranga Reddy Law College, India

Coffee Break 3:25-3:40

- 3:40-4:00 **Title: Sustainable development an effective manager live in the present - But concentrate on the future**  
M Kanakadurga, K V Reddy college of Engineering, India

4:00-4:15 Panel Discussion

MR-1.03

Track 11: Governance for Sustainable Development

Track 12: Biothreats and Biosecurity

- 9:30-9:50 **Title: Influencing future leaders for a greener tomorrow**  
Manoj K Patairiya, Department of Science & Technology, India
- 9:50-10:10 **Title: Power density method of estimating the weibull parameters for site matching of wind turbine generator – A case study**  
Ravikiran Y T, Government Science College, India
- 10:10-10:30 **Title: Conservation of forest biodiversity in India: Sustainable policy initiatives**  
G Sathis Kumar, Alagappa University, India

Coffee Break 10:30-10:45

- 10:45-11:05** **Title: Interdisciplinary approach for the conservation and sustainable utilization of tropical tasar silkworm biodiversity in India**  
**R Manohar Reddy**, National Silkworm Seed Organization, India
- 11:05-11:25** **Title: Biodiversity in education for sustainable development**  
**P Mamatha**, JNTUA College of Engineering, India
- 11:25-11:45** **Title: Synthesis and antimicrobial activity of 2-amino-6-hydroxyl-4-undecyl-5h-benzo (d) imidazole-5-one**  
**G Brahmeshwari**, Kakatiya University, India
- 11:45-12:05** **Title: Cyanogenesis: An biochemical defense mechanism in plants**  
**Ramesh Chillawar**, Yeshwant Mahavidalaya, India

**12:05-12:20** Panel Discussion

Lunch Break 12:20-1:05

**Track 13: Current Issues and Measures**

- 1:05-1:25** **Title: Integrated renewable energy systems for sustainable energy, water and crop production in arid and semi-arid regions**  
**Noel McWilliam**, Mitravitae Ltd., United Kingdom
- 1:25-1:45** **Title: Enriching the biodiversity in the urban landscapes through the ancient garden cultures from around the World**  
**J Veni Madhavi**, Vedic Vanas, India
- 1:45-2:05** **Title: Exploiting diversity of Leucaena leucocephala with reference to low lignin to improve its wood properties for better paper production**  
**Singam Prashant**, JNTUH, India
- 2:05-2:25** **Title: Socio ecological dimensions on Labeo fisheri (Family: Cyprinidae) in mahaweli middle catchments of Sri Lanka; an endemic fish species of enigmatic population decline**  
**Shirantha R R A R**, NARA, Sri Lanka

**2:25-2:40** Panel Discussion

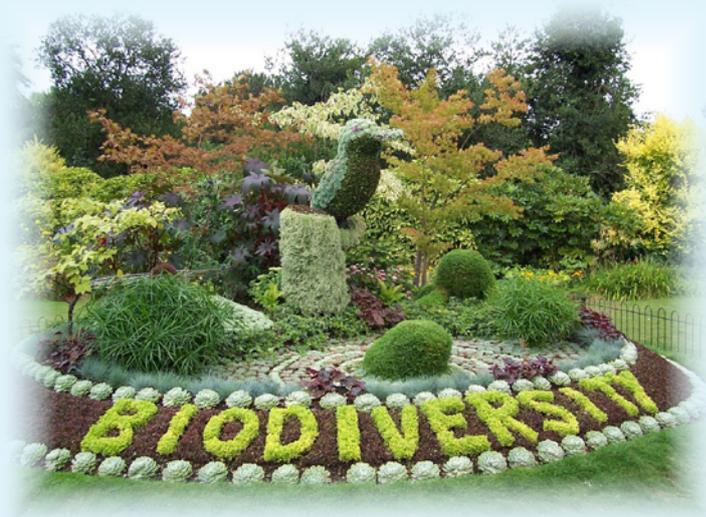
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2<sup>nd</sup> International Conference on

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September 23-25, 2013 Chicago, USA



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