



# CALL FOR PAPERS

ICNF 2018 Jun 28-29, 2018, London, United Kingdom

The ICNF 2018 : 20th International Conference on Resource Conservation and Restoration Ecology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Resource Conservation and Restoration Ecology. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Nitrogen Fixation	Physiology and genetics of free-living and symbiotic diazotrophs
Chemistry, Biochemistry and Technology of Nitrogenase	Marine nitrogen fixation and global aspects of BNF
Nitrogen Fixation and Regulation (including Cyanobacteria)	Structure, function and biosynthesis of nitrogenase
Nitrogen cycles (Denitrification, Unculturable diazotrophs, Animal-associated)	Genomics of nitrogen fixing microbes
Bioresources and Genomics	Genome-enabled science: transcriptomics, proteomics, metabolomics
Plant-Microbe Signaling	Molecular genetic aspects of mycorrhiza
Legume-Rhizobium Symbiosis	Fungal genomics
Non-Legume Associations (Frankia, Endophytes)	Signal transduction
Plant Nutrition Associated with Microbial Symbiosis (N, P, Mo, Mycorrhiza)	Cell biology and metabolism
Ecology and Applications	Genomics and diversity of diazotrophs
Evolution and biodiversity of diazotrophs and their hosts	Genetics, biochemistry and physiology of diazotrophs
Signal exchange in host-diazotroph interactions	Rhizosphere ecology
Regulation of nitrogen fixation	Interaction with Non-Legume hosts
Genetic regulatory networks	Cyanobacteria and Frankia: Genomics, Physiology, Ecology
Genomics of the symbiotic partners	Applications of Nitrogen Fixation with Non-Legumes
Cell biology of infection and invasion	Biological Nitrogen Fixation and Energy Balance in Biofuel Production
Nitrogen-fixing associations with plants	

**Background:** International Research Conference Series is an event that brings together significant number of recurring events; academic conferences, symposia, workshops, special sessions, and plenary talks in all research fields since inception in 1999. Each event may run over any span of time within the conference days. Presentations scheduled in the Oral and ePoster sessions are drawn from a selection of the peer reviewed papers from a wide range of scientific and other disciplines of inquiry.

