



# CALL FOR PAPERS

ICB 2016 Feb 15-16, 2016, Barcelona, Spain

The ICB 2016 : 18th 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:

Batch, fed-batch and continuous fermentation technology	
Biocatalysis in environmental and waste management	Enzyme discovery, production and application
Biocatalysis under non-natural conditions (e.g. organic solvents)	Enzyme discovery, recombinant production, synthetic biology and design
Biocatalysts in pharmaceutical, food, textile, detergent and paper industries	Green chemistry
Bioinformatics	High-Throughput-Screening
Bioprocess engineering and downstream processing	Immobilization of microorganisms and enzymes
Biorefinery and sustainable development of industrial processes	Integrated genomics
Biotransformation with genetically modified cells	Mechanisms of enzyme stabilization
Crystal structures	Metabolic engineering
Directed evolution and gene shuffling	Proteomics
DNA chip technology	Reaction sequences
Downstream-processing	Structure-function analysis and enzyme design
Environmental genetics	Structure-function analysis and modelling
Enzymatic and whole cell biotransformations	Sustainable industrial processes

**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.