

Venue and information on the 2009 conference

TDWG 2009 will be held at the congress center 'Le Corum' in downtown Montpellier, on the French Mediterranean coast.



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Detailed information at:

www.tdwg.org/conference2009

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Hosting institutions

AGROPOLIS
INTERNATIONAL

The largest French scientific community in Agriculture, Food,
Biodiversity and Environment

<http://www.agropolis-international.org/>



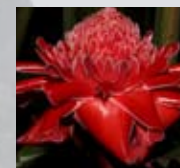
Improving lives through Biodiversity Research
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e-knowledge about biodiversity and agriculture

2009 TDWG Annual conference

Organized by Agropolis International
and Bioversity International

9-13 November 2009 - Montpellier, France



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Over centuries, knowledge about biodiversity has been accumulated by scientists. Online publishing of all the biodiversity information scattered worldwide is essential to understand nature as a whole and to discover the

potential for sustaining a healthy environment for future generations. This is particularly relevant in a world facing climate changes and food crisis.

This 2009 annual TDWG conference, co-organized with Agropolis International and Bioversity International, will gather in Montpellier (France) experts in biodiversity informatics from leading museums of natural history, botanical gardens and major agricultural research institutions and universities. It will be a follow-up to the e-Biosphere 09 international conference on biodiversity informatics which will be held in London in June 2009. The TDWG conference will be the platform to start implementing the biodiversity informatics roadmap developed during e-Biosphere for the next decade.



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The annual conference is open to anyone working with biodiversity information and informatics wishing to discuss and define the most recent informatics tools and standards applying to taxonomy, imaging, biodiversity data exchange, specimen observations, and diversity analysis.



TDWG is a non-profit international standards body affiliated with the International Union of Biological Sciences that develops biodiversity informatics standards and tools to link biological information resources. Participation at the annual conference is open to all.

TDWG is a partner of major online information platforms, such as the Atlas of Living Australia (ALA), the Global Biodiversity Information Facility (GBIF) and the Encyclopedia of Life (EoL).



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Several flagship projects will be presented

- **ARCAD**, a research, technological and capacity building platform in the field of plant genetic resources
- **EURISCO**, an online catalogue of European genebanks, in partnership with the European Cooperative Program for Plant Genetic Resources
- **Generation Challenge Programme**, its bioinformatics and crop information systems sub-programme produces analytical tools and methodologies for linking gene discovery with genetic resource characterisation and crop evaluation data
- **The Global Information System on Crop Genetic Resources**, a Bioversity International project with the Global Crop Diversity Trust and the International Treaty on Plant Genetic Resources for Food and Agriculture secretariat
- **PI@ntNet**, Plant Computational Identification & Collaborative Information System, dedicated to improving knowledge and data exchange on world flora
- **Prota**, an encyclopedia of plant resources of tropical Africa
- **SINGER**, an online catalogue of international crop collections worldwide (CGIAR)
- **Sud Expert Plantes**, a network supporting 22 developing countries in West and Central Africa, Indian Ocean islands, and southeast Asia, for a sustainable management of plant diversity

Themes

1. Outcomes of the eBiosphere 09 meeting in London – and taking the Roadmap for biodiversity informatics forward

Theme leader: Prof. Walter Berendsohn, Botanischer Garten und Botanisches Museum Berlin-Dahlem (BGBM), Head, Department of Biodiversity Informatics and Laboratories

2. Agricultural biodiversity informatics – developing and expanding standards

Theme leader: Elizabeth Arnaud, Bioversity International Coordinator, Biodiversity Informatics Project

3. Data integration

Theme leader: Roger Hyam, Natural History Museum, London, Project Officer, Pan European Species Infrastructure

Candidate topics for the sessions

- TDWG standards architecture
- Geospatial information
- Collection management
- Invasive species
- Multimedia standards
- Semantic web (linked data, ontology)
- Graphical standards for species identification
- Genomics
- Data exchange protocols
- Life Science Identifiers (LSIDs)
- Citizen sciences, traditional knowledge
- Multiple classification / taxonomies
- Integrating functional traits
- Integration of wild and cultivated species
- Phylogenetic standards

The meeting agenda includes 2 days of plenary sessions and 3 days of theme-based working groups, including the TDWG interest groups. Space will be available for poster display.

Sponsors

