

## Jérôme BALESDENT

Directeur de Recherche de l'INRA (Institut National de la Recherche Agronomique) / Senior Scientist (DR1)

Topics : soil science, agronomy, ecology, isotope geochemistry, carbon cycle, soil organic matter

CEREGE (Centre Européen de Recherches et d'Enseignements en Géosciences de l'Environnement)  
Europole méditerranéenne de l'Arbois - BP 80.  
F13545 AIX EN PROVENCE CEDEX 04  
France  
jerome.balesdent@inra.fr

CEREGE (UM34) is a joint lab of Aix-Marseille Univ., CNRS, Collège de France, INRA, IRD.

### Professional activities

1998-present

Contributor to the Master "Sciences of the terrestrial environment", Aix-Marseille Univ.

2009-2015

Head of the research lab « Soil and Water Geochemistry », INRA UR1119 GSE. In 2016, the lab GSE merged with CEREGE.

2004-2009

INRA, Environment and Agronomy Division : deputy head in charge of the thematic field: *Soil functioning, biogeochemical cycles and functional ecology* (ca 15 labs in France)

1997-2006

Department of Plant Ecophysiology and Microbiology, CEA-CNRS-Université Aix-Marseille I, Cadarache, France. Senior scientist, : *microbial ecology and isotopic techniques*.

1984-1997

INRA, Versailles and University Pierre et Marie Curie, Paris. *Soil organic matter studies, isotopic biogeochemistry*.

1983-1984

IRD Research Institute for the Development, Martinique, French West Indies. *Impact of land use on soil status*.

### Educational Background

Master of Engineering in Agronomy, National Institute of Agronomy (Agro-Paris-Tech), Paris, 1980. Master in Pedology, Paris, 1980.

PhD in Soil Science, University of Nancy, 1982.

### Publications

Author of ca. 110 articles in scientific journals, 20 book chapters, 4 books in the following fields : *soils, soil organic matter dynamics, carbon cycling, isotopic biogeochemistry, stable carbon isotopes, mitigation of greenhouse gas emissions, functional biodiversity in soils*.