

# Water Research Institute (IdRA)

## University of Barcelona

As a research organization structure, the **Water Research Institute (IdRA)**, aims to foster and support activities carried out by more than 130 researchers of the **University of Barcelona (UB)** on water related topics. The IdRA is conceived as an agent that maximizes the UB's research potential through research groups that study the field of water. The work is interdisciplinary and involves 9 Faculties, 13 Departments and 36 Research Groups focused to work on water research related lines.

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 Tenured University Lecturer  
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### Research Data

Established in	2005	
<b>Staff statistics (2018) (*)</b>	Teaching and research staff	91 (of wich 1 RyC)
	Postdoctoral researchers	3
	Predocctoral researchers	8
	Administrative and service staff	6
	Other collaborators	5
	% of international member among the staff	3.54 %
<b>Research indicators (2014-2018)</b>	Gender distribution of the staff (% of women)	50.44 %
	ISI publications	774
	% of ISI publications in 1st quartile	66.80 %
	Scopus publications	819
	% of Scopus publications in 1st quartile	79 %
	PhD dissertations	129
	Financing secured (competitive)	8.92 m €
	Financing secured (non-competitive)	3.53 m €
<b>Transfer indicators (2014-2018)</b>	% of international financing secured	19.10 %
	Patents: 1 patent in national phase; 2 international patent applications (PCT); 2 priority patent applications; 1 spin off	

(\*) The Water Research Institute also has 26 more researchers and administrative personnel as permanent external collaborators.

### Involved UB Faculties and Departments

Faculty of Biology	Department of Evolutionary Biology, Ecology and Environmental Sciences
	Department of Genetics, Microbiology and Statistics
Faculty of Chemistry	Department of Chemical Engineering and Analytical Chemistry
Faculty of Earth Sciences	Department of Earth and Ocean Dynamics
	Department of Mineralogy, Petrology and Applied Geology
Faculty of Economics and Business	Department of Economics
Faculty of Fine Arts	Department of Arts, Conservation and Restoration
Faculty of Geography and History	Department of Geography
Faculty of Law	Department of Administrative Law, Procedural Law and Financial and Tax Law
	Department of Criminal Law and Criminal Science, and Public International Law and International Relations
	Department of Private Law
Faculty of Pharmacy and Food Science	Department of Biology, Healthcare and the Environment
Faculty of Physics	Department of Applied Physics

## Research Groups linked to IdRA

Biotecnologia Ambiental - GRC -IP
BIOTECNOLOGIA SOSTENIBLE i BIOREMEDIACIÓ - GRC
Centre de Documentació de Biodiversitat Vegetal
Centre Especial de Recerca en Federalisme Fiscal i Economia Regional
Dret Internacional i dret de la Unió Europea - GRC
Ecofisiologia de conreus mediterranis - GRC - IP
Ecologia Social i Planejament Participatiu
Electroanàlisi de sistemes d'interès biològic i ambiental – ESIBA - GRC - IP
Enginyeria de processos d'oxidació avançada - GRC - IP
Federalisme fiscal i Economia Urbana - GRC
FORESTREAM. Research Group on Forest and Stream Ecological Links: Waterhed Management and Restoration - GRC
Freshwater Ecology, Hydrology and Management(F.E.H.M) - GRC
Geologia econòmica i ambiental i hidrologia - GRC - IP
Grup d'Ecologia dels Canvis Ambientals
Grup de Climatologia (GC)/ Grupo de Climatologia (GC)/ Climatology Grup (GC) - GRC - IP
Grup de Recerca Ambiental Mediterrània (GRAM) - GRC
Grup de recerca en biodiversitat i biosistemàtica vegetals (GReB) - GRC
Grup de Recerca en Biologia i Ecologia Bentòniques - GRC
Grup de Recerca en Ecologia Aquàtica Continental (GREAC) - IP
Grup de recerca territori, turisme i canvi climàtic - GRC - IP
GrupTAC: Taller d'Accions Creatives - IP
Hidrologia Sanitària i de la Cooperació (HIDROSEC) - GRC - IP
Host-Microbiota Ecology and Evolution - GRC
Incidència dels nous materials i la seva tecnologia en la pintura i el gravat - IP
Meteorologia - GRC – IP
Microbiologia d'aigües relacionada amb la salut (MARS) - GRC -IP
Mineralogia aplicada, geoquímica i geomicrobiologia - GRC - IP
Paisatge i paleoambients a la muntanya mediterrània - GRC - IP
Paleoecologia, Riscs Naturals i Gestió Ambiental (PaleoRisk) - GRC - IP
Parasitologia Humana i animal, aspectes Bàsics i Aplicats - GRC
Poció (Art, Poesia i Educació) - GRC
PROCESSOS DE SEPARACIÓ, MEMBRANES I POLIMERS - GRC - IP
Qualitat en la determinació de contaminants prioritaris i avaluació de llur comportament - QÜESTRAM - GRC
Química Analítica. Anàlisi de Contaminants - GRC - IP
Recursos Vegetals Aquàtics
Virus, bacteris i protozous d'interès en salut pública,i seguretat alimentària (VirBaP) - GRC - IP

IP: Main researcher affiliated with IdRA

GRC (Grup de Recerca Consolidat, Generalitat de Catalunya): Consolidated Research Group, Government of Catalonia