



Institut Montpelliérain
de l'Eau
et de l'Environnement

Montpellier Institute for Water and Environment

IM2E

*Institut Montpelliérain de l'Eau et
de l'Environnement*

Eric Servat, Director of IM2E, www.im2e.org



The need for an academic cluster



Challenges

- Water resources and aquatic ecosystems are facing various and numerous **challenges, such as:**
 - environment,
 - health,
 - food,
 - society,
 - economics,
 - politics and geopolitics
 - ...
- These challenges need a **long term** mobilization of high-level skills and **multidisciplinary approaches.**

Montpellier : A high level of expertise

- About **400 scientists and 150 PhD students**, all of them belonging to 15 different research Units
- International activities, mainly in the “Euro-Mediterranean” area and in Africa,
- A well known university,
- A Water Cluster “Aqua-Valley” bringing together all partners of the “Water community”

IM2E Laboratories

- 15 Joint Research Units
- All scientific fields dealing with water :
 - Hydrology
 - Physics and chemistry/geochemistry
 - Mathematics and modeling
 - Remote sensing
 - Biology
 - Economy
 - Social sciences
 - ...

15 Laboratories

ART-DEV



GRED



LISAH



BRGM/NRE



HSM



MARBEC



ESPACE-DEV



IEM



LGEI



G-EAU



ITAP



TETIS



GM



LAMETA



LBE



A strongly supported Institute

• Research Organisms:

- BRGM
- CIRAD
- CNRS
- INRA
- IRD
- IRSTEA

• Universities:

- AgroParisTech
- CIHEAM-IAMM
- EMA
- ENSCM
- SUPAGRO
- Antilles University
- Guyane University
- La Réunion University
- Montpellier University
- Paul Valéry Montpellier University
- Perpignan University

Objectives of the Institute

- **Meet the challenges** of knowledge and adaptation in order to address water-related issues



Objectives of the Institute

- Meet the challenges of knowledge and adaptation in order to address water-related issues
- **Promote interdisciplinary approaches** in order to confront environmental challenges



Objectives of the Institute

- Meet the challenges of knowledge and adaptation in order to address water-related issues
- Promote interdisciplinarity in order to confront environmental challenges
- **Produce technological innovations and know-how** through interaction with the Businesses and the Water Cluster Aqua-Valley

Objectives of the Institute

- Meet the challenges of knowledge and adaptation in order to address water-related issues
- Promote interdisciplinarity in order to confront environmental challenges
- Produce technological innovations and know-how through interaction with the Businesses and the Water Cluster Aqua-Valley
- **Support public policy** with recognised multidisciplinary expertise

Objectives of the Institute

- Meet the challenges of knowledge and adaptation in order to address water-related issues
- Promote interdisciplinarity in order to confront environmental challenges
- Produce technological innovations and know-how through interaction with the Businesses and the Water Cluster Aqua-Valley
- Support public policy with recognised multidisciplinary expertise
- **Develop collaborations** at the European and international levels

Objectives of the Institute

- Meet the challenges of knowledge and adaptation in order to address water-related issues
- Promote interdisciplinarity in order to confront environmental challenges
- Produce technological innovations and know-how through interaction with the Businesses and the Water Cluster Aqua-Valley
- Support public policy with recognised multidisciplinary expertise
- Develop collaborations at the European and international levels
- **Become a leading European resource centre (training and research) that is attractive to countries of both the North and the South**

Scientific activities

Current high level activities	Challenges
Hydrosystems	Interactions in the hydrological territories
Hydroclimatic hazards	Water resources and forward-looking scenarios
Metrology and innovative treatment processes	Water & Agriculture
Dynamics of contaminants and answers of the aquatic systems	Technological innovations for the protection, the economy and the re-use of the water
Water, users and territories	Hazards, contaminants, health

A Support to Water Training Courses



Institut Montpelliérain de l'Eau et de l'Environnement

- A recognized know-how:
 - Master « Eau »,
 - Schools of Engineers,
 - Advanced Masters,
 - Doctoral Schools

L'EAU EN RÉGION MONTPELLIÉRAINE : NOS FORMATIONS

BAC+8 DOCTORAT
Sciences de la Terre et de l'Eau
Géol. UPM, AgroParisTech, SupAgro, École des Mines d'Alès
Marc Boisy
marc.boisy@ird.fr
Serge Lallemand
serge.lallemand@univ-montp2.fr

BAC+5 MASTER INGÉNIEUR DE LA SANTÉ
Management de projet en environnement santé
Faculté de Pharmacie UPM
Claude Couvès
couves@univ-montp2.fr
Elena Gomez
egomez@univ-montp2.fr

BAC+5 MASTER SCIEN CES DE L' EA U
Mention pluridisciplinaire en Sciences de l'Eau
Faculté des Sciences UPM, Faculté de Pharmacie UPM, AgroParisTech, SupAgro, UPVM
Valérie Borrell-Estapina
valerie.borrell@univ-montp2.fr
Thierry Rieu
thierry.rieu@agroparitech.fr
Séverin Pizze
pizze@univ-montp2.fr

BAC+5 MASTER INGÉNIEUR
Sciences et Technologies de l'Eau
Polytech/Montpellier
Stéphane Brosillon
stephane.brosillon@univ-montp2.fr
Eau et Génie Civil
Polytech/Montpellier
Marie-George Tournaud
tournaud@univ-montp2.fr
Agronome option Eau, Sol, Environnement
SupAgro
François Colin
colin@supagro.univ.fr
Caroline Sefort
sefort@supagro.univ.fr
Management et Ingénierie de l'environnement et de l'énergie
École des Mines d'Alès
Eveline Tournaud
eveline.tournaud@mines-ales.fr
Ingénierie de l'environnement: eau, déchets et aménagements durables
AgroParisTech
Joël Michelin
joel.michelin@agroparitech.fr
Philippe Martin
philippe.martin@agroparitech.fr
Eau, énergie, environnement
EPF
Sandrine Pincemin
sandrine.pincemin@epf.fr
Nelly Perron
nelly.perron@epf.fr

BAC+3 LICEN CEPRO
Aquadura
Faculté des Sciences UPM
Catherine Lorin
catherine.lorin@univ-montp2.fr
Delphine Bonnes
delphine.bonnes@univ-montp2.fr
Génie de l'Assainissement et des Systèmes de Traitement des Eaux
IUT Montpellier, Enseignement agricole
Olivier Heitz
olivier.heitz@univ-montp2.fr
Géosciences, prévention et traitements des pollutions
Faculté des Sciences UPM
Christine Lauer-Lorende
christine.lauer-lorende@univ-montp2.fr
Métiers des risques et des impacts environnementaux
Uhlimes, Enseignement agricole
Corinne La Gai La Salle
corinne.la-gai-la-salle@univ-montp2.fr

BAC+6 MASTER SPÉCIALISÉ
Gestion de l'Eau
AgroParisTech
Gilles Carle
gilles.carle@agroparitech.fr
Eau pour tous / Water for all
AgroParisTech
Jean-Annoe Fabry
jean-annoe.fabry@agroparitech.fr
Sylvia Alegre
sylvia.alegre@agroparitech.fr

BAC+2 BTS
Aquaculture
Enseignement agricole
Lydie Paul Bouquet (Site)
Jean-Louis Charreaux
charreaux@univ-montp2.fr
LEGTA de la Lozère (La Courrouge)
Renée Haem
renee.haem@univ-montp2.fr
Gestion et Maîtrise de l'Eau
Enseignement agricole
Lydie Marie Durand (EPLEPPA Hérès Rodière)
Stéphane Armand
stephane.armand@univ-montp2.fr

Contaminants, Eau, Santé
Faculté de Pharmacie UPM
Hélène Penet
helen.penet@univ-montp2.fr
Frédérique Courant
frederique.courant@univ-montp2.fr
Serge Cheron
serge.cheron@univ-montp2.fr

Eau et Agriculture
Faculté des Sciences UPM, AgroParisTech, SupAgro
Jean-Stephane Bully
bully@univ-montp2.fr
Gilles Belaud
gilles.belaud@supagro.fr

Eau et Littoral
Faculté des Sciences UPM, UPVM
Séverin Pizze
pizze@univ-montp2.fr

Eau et Société
Faculté des Sciences UPM, AgroParisTech, SupAgro, UPVM
Thierry Rieu
thierry.rieu@agroparitech.fr
Alexandre Brun
alexandre.brun@univ-montp2.fr
Marie-Jeanne Valéry
marie-jeanne.valery@supagro.univ.fr

Formation initiale et Formation continue sauf :
Formation initiale et Formation en apprentissage
Formation en apprentissage seulement



IM2E and on-site strategic projects

- IM2E is helpful to strengthen the position and the role of Water Sciences locally, specially in the framework of the MUSE (Montpellier University of Excellence) I-SITE project :
 - **Convergence Lab (IC WATERS** – WATER, Ecosystems, Resources in Societies)
 - Montpellier **Graduate Shool** of Water Sciences
 - **Industrial Chair**
 - **HydroPolis** : a project bringing together at the same place research teams, Master and PhD students, and Businesses to improve research activities, innovation and technology transfer



Thanks for your attention



www.im2e.org