

GID- CIHEAM  
Parmenides IX Conference  
Bari, ITALY, 19/20/21 October 2021  
*Preliminary Programme*  
(Version of 12/10/2021)

## Sustainable management of Mediterranean watersheds faced with the impacts of societal and climate changes

**19 October 2021 – Beginning of the session at 09:30**

### OPENING SPEECH (30 min.)

- Mr. Maurizio **RAELI**, Director of the CIHEAM Bari
- Mr. François **GUINOT**, President of the GID (Inter-academic Group for Development)
- Mr. Michele **EMILIANO**, President of Puglia Region (*videoconference*)

### PRESENTATIONS OF THE GENERAL SCOPE (2h20)

*Moderator: Jacques **BRULHET**, President of the French Academy of Agriculture (France)*

*(Each presentation will be followed by a debate with the audience)*

- Watershed, an integrating vision of space (20 min.): Mr. Pierre **GENY**, Permanent Secretary, Académie des sciences d'outre-mer (France)
- Impact of climate change on Mediterranean watersheds (40 min.): Mr. Umberto **FRATINO**, Professor, Polytechnic of Bari (Italy)
- Geopolitics of the scarcity of water resources (Mediterranean Basin) (40 min.): Mr. Pierre **BLANC**, Geopolitics Professor, Sciences Po, Sciences Agro, Bordeaux (France)
- Demography and land management (40 min.): Mr. Hadrien **DI COSTANZO**, DemoMed (Q&A)

*Lunch 12:30/14:00*

## **SESSION 1: FOOD SECURITY ROUND TABLES (14H-18H30)**

*Moderator: Mr. Roberto BASSI, Academia dei Lincei (Italy)*

*Rapporteur: Mr. Chariton KALAITZIDIS (CIHEAM Chania)*

***Introduction: Food security, Mr. Guillaume BENOIT, Académie d'agriculture (France) (10 min.)***

**Round table 1.1: Demand management (productivity, efficiency of water use, aridoculture, etc.) (45 min.)**

- Mr. Eran FRIEDLER, Professor TECHNION (Israel)
- Mr. Nicola LAMADDALENA, CIHEAM Bari (Italy)
- Ms. Céline HUGODOT, Director of the ASA Gignac (France)

**Round table 1.2: Development of supply (recharge of aquifers, reservoirs, inter-basin transfers, desalination, wastewater recycling) (1h10)**

- Mr. Hamadi HABAÏEB, Director-General Bureau of Resource Planning, INAT (Tunisia) **TBC**
- Mr. Zakaria EL YACOUBI, Chef of Hydro-Agricultural Resources Division, Ministry of Agriculture (Morocco)
- M. André BERNARD, president Chamber of Agriculture PACA Region (France)
- Ms. Francesca PORTINCASA, Acquedotto Pugliese (AQP, Italy)
- Mr. Denis LACROIX, Head of Monitoring and Foresight, IFREMER (France)

*Break 30'*

**Round table 1.3: Agroecological transitions (agroforestry, organic agriculture...) (45 min.)**

- Mr. Bernard HUBERT, Académie d'Agriculture and INRAE (France)
- Mr. Jean-Claude QUILLET, AGRIDURA (France)
- Ms. Zineb BENRAHMOUN-IDRISSI, Les jardins de Zineb (Morocco)

**Round table 1.4: Agropastoral systems and soil erosion (45 min.)**

- Mr. Antonio LOPEZ-FRANCOS, CIHEAM Zaragoza (Spain)
- Mr Abdellah LAOUINA, Mohammed V University of Rabat (Morocco)
- Ms. Jamila TARHOUNI, Director of the water and environment science and technology laboratory, INAT (Tunisia) **TBC**

**20 October 2021 - Beginning of the session at 9:00**

## **SESSION 2: ROUND TABLES ON VULNERABILITIES (9:00-12:30)**

*Moderator: Mr. Thierry CHAMBOLLE, Academy of technologies (France)*

*Rapporteur: Mr Abdelouahid FOUIAL, CIHEAM Bari*

**Round table 2.1: Water quality, saline lifts, alkalization (1h)**

- Mr. Guilhem BOURRIE, Académie d'Agriculture (France)
- Mr. Mohammed HACHICHA (Tunisia), Prof., Director of the Research Lab. Valorization of Non-Conventional Waters, University of Carthage, National Research Institute of Rural Engineering, Water and Forests (INRGREF) (Tunisia)
- Mr. Baelhadj HAMDI-AÏSSA, Professor, Ouargla University (Algeria) **TBC**
- Mr. Manuel SAPIANO, Head of the Water Unit at the Energy and Water Agency (Malta)

**Round table 2.2: Flash floods, risk of flooding (land use, urban planning, forecasts and alerts) (1h)**

- Ms. Catherine **FOUCHIER**, INRAE Modulization (France)
- Mr. Régis **THEPOT**, senior expert on natural risks (France)
- Mr. Mohammed **MASTERE**, Professor University Rabat (Morocco)
- Mr. Alberto **CAPPATO**, President, Porto Antico, Genoa (Italy) **TBC**

*Break 30'*

**Round table 2.3: Indicators of vulnerability, water and soil quality (1h)**

- Ms. Fabienne **TROLARD**, INRAE (France)
- Mr. Marco **MARANI**, University of Padua, Academia dei Lincei (Italy)
- Mr. Pandi **ZDRULI**, Albania, (CIHEAM Bari)

*Lunch 12:30 – 14:00*

**SESSION 3: ROUND TABLES ON GOVERNANCE (14:00 - 17:30)**

*Moderator: Ms Elen **LEMAITRE-CURRI**, CIHEAM Montpellier*

*Rapporteur: Ms Yasmine **SEGHIRATE EL GUERRAB**, CIHEAM General Secretariat*

**Round table 3.1: Governance models, planning, sharing of experiences (1h)**

- Mr. Alberto **MONTANARI**, Bologna, Lincei (Italy)
- Ms. Anne **PRESSUROT**, Quantitative management and climate change pilot, Rhône-Méditerranée-Corse water agency (France)
- Mr. Luigi **NARDELLA**, Consortium of Capitanata (Italy)

**Round table 3-2: Stakeholder dialogue and participatory planning (50 min.)**

- Mr. Juan A. **SAGARDOY** and Ms. Patrizia **PUGLIESE** (CIHEAM Bari)
- Ms. Caroline **LEJARS**, Deputy Director of the UMR G-EAU, CIRAD (France) **TBC**
- Mr. Antoine **ORSINI**, University of Corte, President of the Community of Communes of Central Corsica, Member of the Corsican Basin Committee (France)

*Break 30'*

**Round table 3.3: Legal, economic and financial factors (1h10)**

- Mr. Omar **BESSAOUD**, Doctor in Economic Science, Algeria (CIHEAM Montpellier)
- Ms. Monica **CARDILLO**, Lecturer in Limoges (France)
- Ms. Alessandra **SCARDIGNO**, CIHEAM Bari (Italy)
- Mr. Fadi **COMAIR**, Water Diplomat, Honorary President of REMOB, *Académie des sciences d'outre-mer* (Cyprus) **TBC**
- Ms. Raffaella **ZUCARO**, CREA, Council for Agricultural Research and Economics, Ministry of Agriculture (Italy) **TBC**

**VISITE DE BARI/DINER 18h-20h**

**21 October 2021 - Beginning of the session at 9:00**

## **SESSION 4: PROSPECTS (9:00-11:00)**

Under the presidency of Ms Catherine **BRECHIGNAC**, Ambassador for Science, Technology and Innovation and vice-president of the GID (France)

- **Summary of the works by the rapporteurs of the three sessions (30 min.)**
  - Mr. Chariton **KALAITZIDIS**, CIHEAM Chania
  - Mr Abdelouahid **FOUIAL**, CIHEAM Bari
  - Ms Yasmine **SEGHIRATE EL GUERRAB**, CIHEAM General Secretariat
- **Proposals to the World Water Forum 2022: Summary by Mr Guy FRADIN**, Academy of Agriculture and advisor to the President of the Water Council (France) (20 min.)
- **Debate (40')**
  - New assessment and management criteria
  - New and adapted training
  - Others issues...

## **CONCLUSIONS**

By Plácido **PLAZA**, Secretary General of the CIHEAM and François **GUINOT** President of the GID (20 min.)

## **OPTIONAL FIELD VISIT (11:00 – 17:00) WITH THE CIHEAM BARI**

Technical visit at the Capitanata Area Development and Irrigation Consortium (province of Foggia)

<http://www.sim.polimi.it/case-studies/capitanata-irrigation-consortium/>

### **IMPORTANT NOTE**

*The CIHEAM Bari safeguard protocols against COVID-19 infection are available online at [https://www.iamb.it/en/news\\_and\\_events/one?event=safeguard-protocol-against-covid-19-infection&id=527](https://www.iamb.it/en/news_and_events/one?event=safeguard-protocol-against-covid-19-infection&id=527)*

*Thank you in advance for understanding and precious collaboration*