



Title **Lecturer PhD**

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Affiliation

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Study areas

Countries **Romania**

Region **Muntenia Region, Oltenia Region, Dobrogea Region**

Topics of last three projects

- The management of agro-climatic resources that can be exploited in the context of the actual and predictable climate changes
- The impact of green controlling on company's performance
- The relationship between climate and environmental pollution

Envisioned activities in Commission

attend/ organise meetings **X**

contribute to publications **X**

read newsletter **X**

joint research, collaboration **X**

Other (please specify)

Research interests in water (select maximum 10)

| Climate & Water | Hydrological extreme events | Water flow | Surface water | Ground water | Marine Environment | Aquatic habitats/ Ecosystems | Water availability |
|----------------------------|-----------------------------|--|-----------------------------|---------------------|--------------------|------------------------------|--------------------------------|
| Water in arid areas | Floods | Catchment processes | Limnology | Soil water X | Coastal waters | Wetlands | Water utility |
| Arctic water | Droughts X | Run-off generation | Fluvial dynamics | Karst water | Estuarian waters | Lakes | Water storage |
| Water cycle | Ice phenomena | Groundwater-Surface water interactions | Continental scale processes | Hydrogeology | | Peatlands | Dams / Reservoirs |
| Atmospheric water X | | Hyporheic processes | Dams / Reservoirs | Recharge | | Rivers | Water scarcity X |
| Glaciers & Cryosphere | | Interstitial water | Sediments | | | | Supply & Distribution X |
| | | Porwater | Rivers X | | | | Water allocation |
| | | Alluvial water | Floodplains | | | | Water restrictions |

| Modelling and GIS | Water quality | Water & Health | Water & Energy | Water management/ policy | Water use | Water Law & Economics | Socio-political aspects |
|-------------------------|--------------------|-----------------------|----------------------|--------------------------------------|-------------------------------|-----------------------|-------------------------|
| Hydro GIS | Pollution X | Water & Sanitation | Water-Energy nexus | Integrated Catchment management | Urban | Water trade | Water history |
| Groundwater modelling | Purification | Water & Food X | Water for energy | Integrated water resource management | Agricultural X | Virtual water | Water wars |
| Surface water modelling | Hydrochemistry | Waterborne diseases | Energy for water | Water loss | Mine water | Privatisation | Water & Poverty |
| Remote sensing | Treatment | Drinking water | Water, Food & Energy | Reticulation & Supply | Industrial | Water as public good | Access to water |
| | Desalination | Water purification | | Transboundary water | Grey water | Right to water | |
| | Waste water | | | | Green water | Bills & Laws | |
| | Sewage | | | | Blue water | Affordability | |
| | | | | | Return water | | |
| | | | | | Water sustainability X | | |
| | | | | | Competing water use | | |

Other (please specify)

other areas of interest

Research interests in water (supply 5 keywords)

hydric agro-climatic resources

hydric agro-climatic risks

irrigation systems

drought

soil water

Topics of last 10 publications

Publication links

| Topics of last 10 publications | Publication links |
|--|--|
| 1 Climate changing and extreme events | managementjournal.usamv.ro/pdf/vol.XV_1/Art14.pdf |
| 2 Crop production | managementjournal.usamv.ro/pdf/vol4_2/art12.pdf |
| 3 Topo-climatology | www.climato.be/aic/colloques/actes/ACTES_AIC2015/3 Topoclimatologie/043-IONAC-269-274.pdf |
| 4 Climate changing and extreme events | www.climato.be/aic/colloques/actes/ACTES_AIC2015/5 Variabilites et aleas climatiques/079-GRECU-491 |
| 5 Atmospheric precipitation | www.pesd.ro/articole/nr,8/nr,1/10432-Volume8_issue1_04_paper.pdf |
| 6 Climate changes and weather conditions | limnology.ro/wrw2016/proceedings/15_Martinescu_Dana.pdf |
| 7 Relationship between the climate and agriculture | managementjournal.usamv.ro/pdf/vol.16_2/Art13.pdf |
| 8 Climate changes and weather conditions | limnology.ro/water2014/proceedings/42_Marinica.pdf |
| 9 Atmospheric precipitation | www.climato.be/aic/colloques/actes/Dijon2014_actes.pdf |
| 10 Environmental management | www.jepe-journal.info/journal-content/vol-16-no3 |