

Personal information Marcel MINDRESCU

E-mail mindrescu@atlas.usv.ro

Professional experience **Time, Job, Employer**

2014 – present, Assoc. Professor, *University of Suceava (USV)*, Str. Universitatii, no. 13, 720229, Suceava, ROMANIA

1999 – 2014 Asistent and Lecturer, *University of Suceava (USV)*, Str. Universitatii, no. 13, 720229, Suceava, ROMANIA

1997-1999, Teacher, *National College Emil Racovita*, Vaslui, Romania

Education and fellowships **Diploma or fellowship/year, Institution**

Habil/2016 "Lake sediments and glacial cirques in the Romanian Carpathians and their climatic implications", *University of Suceava, Romania*

http://atlas.usv.ro/www/geografie/usv/pdf/Teza%20de%20abilitare_Mindrescu-2015.pdf

PhD/2006 „Geomorphometry of the glacial cirques in the Romanian Carpathians”, Magna cum Laudae, *University Al. I. Cuza Iasi, Romania*

http://atlas.usv.ro/www/geografie/usv/pdf/Teza%20de%20doctorat_Mindrescu-2016.pdf

Postuniversity Studies „Dynamic geomorphology”/1997-1998, *University Al. I. Cuza Iasi, Romania*

BSc Geography/1997, *University Al. I. Cuza Iasi, Romania*

Internship: Glacial geomorphology and geomorphometry, 1999, *University of Durham, United Kingdom* (supervisor: Dr. Ian EVANS)

Grants

i. Climate variability recorded by glacial deposits and lake sediments (PNII-RU-TE-2012-3-0386).

<http://georeview.ro/cirques&lakes/>

Director

ii. Mid-late Holocene flood events in south-eastern and central Romanian lowlands (HoLFloods).

Proiect TE (2020-2023). Coordinator: Gabriela FLORESCU. Established Researcher: Marcel MINDRESCU

Established Researcher

iii. Looking into the past to anticipate the future: Extreme climate variability in Dobrogea Region from a paleo perspective based on stable oxygen isotope in tree rings (PastExDo). Proiect PD (2020-2023).

Coordinator: Viorica NAGAVCIUC. Scientific mentor: Marcel MINDRESCU

Scientific mentor

iv. The European Landscape Learning Initiative: Past and Future Environments and Energy Regimes shaping Policy Tools-TERRANOVA (HORIZONT). Coordinator: Sjoerd Kluiving (Amsterdam, Holland).

<https://www.terranovaproject.eu/>

National responsible (member)

v. Les dernières hêtraies-sapinières subnaturelles européennes: une étude globale sur la longue durée pour leur meilleure connaissance, conservation et gestion (BENDYS). Coordinator: Vanessa PYSARAGAGLIA (Univ. Toulouse, France).

<https://anr.fr/fileadmin/documents/2019/Aapg-selection-prc-prce-icjc-2019.pdf>

National responsible (member)

vi. Forest response to climate change predicted from multicentury climate proxy-records in the Carpathian region - CLIMFOR (EEA-JRP-RO-NO-2013-1-0204, Romania-Norvegia). Coordinator : Catalin Roibu (USV, Romania).

<http://www.silvic.usv.ro/climfor/team.php>

Senior researchers. Workplan responsible (member)

vii. Assessing climate variability and human impact based on the study of sediments and glacial deposits in Rodna Mountains, Northern Romania- Sciex Fellowship 13.341: NROM. University of Bern, Switzerland. <https://www.youtube.com/watch?v=F8t6SlcnZcY>

Home coordinator

viii. Les vieilles FORETs des Maramures (Carpatés orientales) face à l'Exploitation forestière Intensive : plan d'urgence pour une étude gLobale en vue de leur préservation et gestion durable (FORETEXIL). Coordinator: Vanessa PYSARAGAGLIA (Univ. Toulouse, France)
https://www.cnrs.fr/mi/IMG/pdf/oasic2018_tableau-laureats-web.pdf

National responsible (member)

xi. CRYPTIC: CRYPTogams' Traits In the Carpathians. Coordinator : Buczkó Krisztina (Budapest, Hungary) http://buczko.eu/cryptic/project_members/project_members.php

National responsible (member)

x. Protecting forests and livelihoods in the Romanian Carpathians through community management practices. Coordinator : William Keeton (Univ. Vermont, USA).

<http://www.uvm.edu/rsenr/wkeeton/?Page=grants.html>

National responsible (member)

**Competences,
management, other
expertise,
complementary skills**

Expert for national research programmes PNII, PNIII 2016-

Expert evaluator National Science Centre Poland (Narodowe Centrum Nauki - NCN;
<http://www.ncn.gov.pl>) 2018-,

Leader of CarpClim Working Group as an endorsed group of PAGES Past Global Changes)

Overview:

http://www.pastglobalchanges.org/index.php?option=com_content&view=article&id=2254

Objectives:

http://www.pastglobalchanges.org/index.php?option=com_content&view=article&id=2255

Guest Editor for 3 issues of Quaternary International (Web of Science, FI=1.952):

1. Advancing Pleistocene and Holocene climate change research in the Carpathian-Balkan region, volume 293/2013, comprising of 25 scientific papers:

<http://www.sciencedirect.com/science/journal/10406182/293>

2. Climate change in the Balkan-Carpathian region during Late Pleistocene and Holocene, volume 415/2016, comprising of 27 papers: <http://www.sciencedirect.com/science/journal/10406182/415>

3. European Paleoscience (2019), volume 504, comprising of 18 papers:

<https://www.sciencedirect.com/journal/quaternary-international/vol/504/suppl/C>

Chairman and organizer of 5 international conferences on past and present climate changes, and advances in paleoscience in the Carpathian-Balkan area and Central and Eastern Europe (from 2011 to 2020):

1. Climate Change in the Carpathian-Balkan Region During the Late Pleistocene and Holocene (CBW2011, June 2011, Suceava, Romania): <http://www.pages-igbp.org/calendar/past/2011-past/127-pages/1144-climate-change-in-the-balkan-carpathian-region-during-the-late-pleistocene-holocene>

2. Interdisciplinarity in Geoscience in the Carpathian Basin (IGCB2012, 18-21 October 2012, Suceava, Romania): <http://mri.scnatweb.ch/en/mri-news/221-sc4-news/1158-interdisciplinarity-in-geoscience-in-the-carpathian-basin-igcb>

3. Late Pleistocene and Holocene climatic variability in the Carpathian-Balkan area (CBW2014, 6-9 November 2014, Cluj Napoca, Romania): <http://www.pages-igbp.org/calendar/past/2014/127-pages/1208-carpathian-balkan-2014-workshop>

4. Central and Eastern Europe Paleoscience Symposium: From Local to Global (CEEP2016, 23-26 May 2016, Cluj Napoca, Romania): <http://www.pages-igbp.org/calendar/2016/127-pages/1524-pages-romanian-symposium>

5. Carpathian-Balkan Paleoscience Workshop 2020 (CBPW2020: 31 August-4 September 2020, Sacel, Maramures, Romania): <http://geoconcept.ro/CBPW2020/> and <http://pastglobalchanges.org/calendar/upcoming/127-pages/1996>

Member in the steering international committee:

1. Science for Carpathians (S4C): http://carpathianscience.org/about/s4c-scientific-steering-committee/mindrescu_marcel_ok-2/

2. President of South Eastern Europe Mountain Research (SEEmore) as an endorsed group of Mountain Research Initiative (MRI): <https://www.mountainresearchinitiative.org/find-an-expert>, 2012-2015

Managing Editor for the journal Georeview (Scientific Annals of Stefan cel Mare University of Suceava. Geography series, indexed in international databases), 2011- present: www.georeview.ro

Member in the scientific board of the international journal Acta Scientiarum Polonorum :

<http://www.acta.media.pl/pl/main.php?p=10&sub=3&act=57&s=15&lang=en>

Member of National Council of Scientific Research in Romania, Committee of Earth Science, 2016 and 2020-

President of the Association of Applied Geography GEOCONCEPT (protection and conservation of the environment), 2010-

<https://geoconcept.ro/contact/>

Member of Scientific Committee of National Park of Rodna Mountains, 2017-

Member of CNATDCU, Committee of Earth Science (The Appeals Board), 2017-2020

Invited Professor at the Research Institute (GEODE) of the University of Toulouse, France, Oct-Nov 2019

Scientific referee

Erasmus coordinator, 1999-

Convener/moderator

Publications ISI/ Ranked Scientific Journals : +25, Other peer reviewed (non ranked) journals: +25, Books and maps: 4

Selected publications (10)

1. Haliuc A, Feurdean, **Mindrescu M**, et al. (2019) Impacts of forest loss in the eastern Carpathian Mountains: linking remote sensing and sediment changes in a mid-altitude catchment (Red Lake, Romania). **Regional Environmental Change**, 19/2: 461-475. **IF: 3.149** (WoS)
<https://link.springer.com/article/10.1007/s10113-018-1416-5>
2. Nistor MM, **Mindrescu M** (2019) Climate change effect on groundwater resources in Emilia-Romagna region: An improved assessment through NISTOR-CEGW method. **Quaternary International**, 504: 214-228. **IF: 1.952** (WoS).
<https://www.sciencedirect.com/science/article/pii/S1040618217308935>.
3. **Mindrescu M** (2019) Central and Eastern Europe Paleoscience: From Local to Continental Perspective. **Quaternary International**, 504: 1-4. **IF:1.952** (WoS)
<https://www.sciencedirect.com/science/article/pii/S1040618219302290>.
4. Dezsi S, **Mindrescu M**, Petrea D, Rai PK, Hamann A, Nistor MM (2018). High-resolution projections of evapotranspiration and water availability for Europe under climate change. **International Journal of Climatology**, 38: 3832-3841. **IF: 3.601** (WoS)
<https://rmets.onlinelibrary.wiley.com/doi/pdf/10.1002/joc.5537>
5. Florescu G, Hutchinson SM, Kern Z, **Mindrescu M**, Cristea IA, Mihăilă D, Łokas E, Feurdean A (2017) Last 1000 years of environmental history in Southern Bucovina, Romania: A high resolution multi-proxy lacustrine archive. **Palaeogeography, Palaeoclimatology, Palaeoecology** 473: 26-40. **IF: 2.616** (WoS)
<https://www.sciencedirect.com/science/article/pii/S0031018216304369>
6. **Mindrescu M**, Németh A, Grădinaru I, Bihari Á, Németh T, Fekete J, Bozsó G, Kern Z (2016) Bolătau sediment record - Chronology, microsedimentology and potential for a high resolution multimillennial palaeoenvironmental proxy archive. **Quaternary Geochronology** 32: 11-20. **IF: 3.962** (WoS)

<https://www.sciencedirect.com/science/article/pii/S1871101415300674>

7. **Mindrescu M**, Veres D (2016) Recent contributions and prospects for climatic variability studies in Central and Eastern Europe. *Quaternary International* 415: 1-5. **IF: 1.952** (WoS)
<https://www.sciencedirect.com/science/article/pii/S1040618216304979>
8. **Mindrescu M** and Evans IS (2014) Cirque form and development in Romania: allometry and the buzz-saw hypothesis. *Geomorphology* 208: 117-136. **IF:3.681** (WoS)
<https://www.sciencedirect.com/science/article/abs/pii/S0169555X13005989>
9. **Mindrescu M**, Cristea AI, Hutchinson SM, Florescu G, Feurdean A (2013) Interdisciplinary investigations of the first reported laminated lacustrine sediments in Romania. *Quaternary International* 293: 219-230. **IF: 1.952** (WoS)
<https://www.sciencedirect.com/science/article/pii/S1040618212031618>
10. **Mindrescu M**, Evans IS, Cox NJ (2010) Climatic implications of cirque distribution in the Romanian Carpathians: Palaeowind directions during glacial periods. *Journal of Quaternary Science* 25(6): 875-888. **IF: 2.846** (WoS)
<https://onlinelibrary.wiley.com/doi/abs/10.1002/jqs.1363>

Other information

320+ citations WoS (no selfcitations), h_WoS = 10; 550+ Scholar, h_G=13

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Researchgate: https://www.researchgate.net/profile/Mindrescu_Marcel

Academic website: http://atlas.usv.ro/www/geografie/usv/mindrescu_marcel.php

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