

1. Informatii personale

Prenume, nume de familie: Mihai DIMA

Data si locul nasterii: Ianuarie 11, 1968, Bucuresti, Romania

Pozitie academica ocupata in prezent: Conferentiar (Departamentul Structura Materiei-Fizica Atmosferei si a Pamantului-Astrofizica, Facultatea de Fizica, Universitatea din Bucuresti, Romania)

Adresa: Universitatea din Bucuresti, Facultatea de Fizica, Str. Atomistilor 405, Magurele-Bucuresti, RO-077125, Romania

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2. Educatie

1996-2000 - Doctorat, Facultatea de Fizica, Universitatea din Bucuresti

1992-1997 - Facultatea de Cibernetica, Academia de Studii Economice, Bucuresti

1987-1992 - Facultatea de Fizica, Universitatea din Bucuresti

1982-1986 - Colegiul National Gheorghe Lazar, Bucuresti

3. Experienta profesionala

1997 – 2001

Visiting scientist la Institutul Max-Planck pentru Meteorologie, Hamburg, Germania

2002

PostDoc la Universitatea din Bremen, Departamentul de Geostiinte, Germania

2002-2004

Humboldt Fellow la Universitatea din Bremen, Departamentul de Geostiinte, Germania

2004 – 2007

Visiting scientist la Universitatea din Bremen, Germania

2007 – 2010

Visiting scientist la Institutul Alfred Wegener pentru Cercetari Polare si Marine, Bremerhaven, Germania

4. Zece publicatii selectate

1. **M. Dima**, G. Lohmann: Hysteresis behavior of the Atlantic ocean circulation identified in observational data, **Journal of Climate**, 24(2), 397-403 (2011).
2. **M. Dima**, G. Lohmann: Evidence for two distinct modes of large-scale ocean circulation changes over the last century, **Journal of Climate**, 23, 5-16 (2010).
3. T. Felis, A. Suzuki, H. Kuhnert, **M. Dima**, G. Lohmann, H. Kawahata: Subtropical coral reveals abrupt early-twentieth-century freshening in the western North Pacific Ocean, **Geology**, 37(6), 527-530 (2009)
4. **M. Dima**, G. Lohmann: Conceptual model for millennial climate variability: a possible combined solar-thermohaline circulation origin for the ~1500-year cycle, **Climate Dynamics**, 32(2-3), 301-311 (2009).
5. H. V. McGregor, **M. Dima**, H. W. Fischer, S. Mulitza: Rapid 20th Century increase in coastal upwelling off northwest Africa, **Science**, 315, 637-639 (2007).
6. **M. Dima**, G. Lohmann: A hemispheric mechanism for the Atlantic Multidecadal Oscillation, Dima, M., and G. Lohmann, **Journal of Climate**, 20(11), 2706-2719 (2007).
7. G. Lohmann, N. Rimbu, **M. Dima**: Climate signature of solar irradiance variations: Analysis of long-term instrumental and historical data., **International Journal of Climatology**, 24, 1045 - 1056, doi: 10.1002/joc.1054 (2004).
8. N. Rimbu, C. Boroneant, C. Buta, **M. Dima**: Decadal variability of the Danube river streamflow in the lower basin and its relation with the North Atlantic Oscillation, **International Journal of Climatology**, 22, 1169-1179 (2002).

9. **M. Dima**, N. Rimbu, S. Stefan, I. Dima: Quasi-Decadal Variability in the Atlantic Basin Involving Tropics-Midlatitudes and Ocean-Atmosphere Interactions, **Journal of Climate**, 14(5), 823-832 (2001).
10. M. Latif, D. Dommenges, **M. Dima**, A. Grötzner: The Role of Indian Ocean SST in Forcing East African Rainfall Anomalies during December-January 1997/98, **Journal of Climate**, 12(12), 3497-3504 (1999).

5. Domenii de interes stiintific

Mecanisme fizice pentru variabilitatea climatica interanuala pana la milenara; Separarea variatiilor climatice generate de cauze antropice de cele naturale; Folosirea datelor proxy pentru reconstruirea si intelegerea variatiilor climatice din trecut; Interactiuni clima-economie

6. Activitati sinergice

- Evaluator stiintific pentru National Science Foundation (USA)
- Referent stiintific pentru jurnale internationale: Journal of Climate, Climate Dynamics, Geophysical Research Letters, Journal of Geophysical Research, Climate of the Past, International Journal of Climatology, Nonlinear Processes in Geophysics