

**PERSONAL INFORMATION** Razvan Doru Mateescu

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 [www.rmri.ro](http://www.rmri.ro)  
 Sex Male | Date of birth 24 October 1971 | Nationality Romanian

**POSITION** Project Participant

**WORK EXPERIENCE**

Since 16 April 1998 **Scientific Researcher at**

NIMRD National Institute for Marine Research and Development "Grigore Antipa"  
 Mamaia, 300, 900581 Constanta (Romania)

Experience on management of national and international projects related to: marine and coastal hydrodynamics, shoreline/bathymetry/sea level monitoring, marine/coastal data management and modelling, coastal erosion/vulnerability, river technical hydrology, EIA/ESA, RS and GIS applications for Coastal Monitoring and ICZM implementation

**Business or sector** Professional, scientific and technical activities

Dates	04/1998 - 08/2000
Occupation or position held	research assistant
Main activities and responsibilities	participant to Orizont 2000 Research Program: "Interaction between the hydrodynamic phenomena and abiotic component of the coastal ecosystem (Delta – shoreline- sea), monitoring and management methods of the geomorphologic coastal processes – annual national studies"
Name and address of employer	MINRD
Type of business or sector	Professional, scientific and technical activities
Dates	03/2001 - 12/2001
Occupation or position held	researcher
Main activities and responsibilities	Project director for BENA project: "Experimental research regarding sediment transport; method and technologies for the protection and rehabilitation of the eroded beaches of Mamaia Bay"
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	05/2003 - 12/2003
Occupation or position held	Research and development
Main activities and responsibilities	Participant to JICA project: "Baseline Survey for Improvement of the Marine Ecosystem and Coastal Erosion for Protection/Rehabilitation of the Romanian Black Sea Shore"
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	09/2003 - 12/2005 and 03/2011-07/2012
Occupation or position held	researcher
Main activities and responsibilities	consultant to the Masterplans/works "Study on protection and rehabilitation of the Southern Romanian

	Shore of the Black Sea “ - financed by J.I.C.A/implemented by ECOH, and respectively POS5/ and coordinated by Halcrow Romania
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	01/10/2008 → 20/12/2011
Occupation or position held	scientific researcher
Main activities and responsibilities	Project Director for Partnership Projects/PNII 32164/2008, “Complex system for the application of the remote sensing technics for environmental quality monitoring and Romanian ICZM implementation support”, Acronym IMAGIS
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	05/2005 → 2011
Occupation or position held	scientific researcher
Main activities and responsibilities	Participant to European Projects: SeaSearch (for Marine Data Management) and, since 2007, national coordinator in SeaDataNet (PanEuropean Infrastructure for Ocean & Marine Data) and Black Sea Scene (regarding to Black Sea Network) Projects.
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	03/2005 - 11/2007
Occupation or position held	scientific researcher
Main activities and responsibilities	Participant to TASAUL Project “Assessment of anthropogenic impacts on Tasaul Lake, Romania, and ecosystem rehabilitation” financed by Swiss National Foundation.
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	09/2005 – up to present
Occupation or position held	scientific researcher
Main activities and responsibilities	Participant to national project, PN CEMAR "Study of the geomorphological processes mechanisms on short and medium term, under the influence of the coastal zone natural and anthropogenic phenomena"
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	09/2012 - 12/2016
Occupation or position held	scientific researcher
Main activities and responsibilities	Participant coordinator of the national consortium team for domains of GIS/RS, Hydrography and Marine Modelling within framework of FP7, Coconet “Towards COast to COastNETworks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential”
Name and address of employer	NIMRD
Type of business or sector	Professional, scientific and technical activities
Dates	04/2012 → 2015

Occupation or position held	scientific researcher
Main activities and responsibilities	Participant to the Partnership project/PN2, ECOMAGIS "Implementation of a complex geographic information system for ecosystem-based management, through integrated monitoring and assessment of the biocoenosis status and its evolution trends in a fast changing environment at the Romanian coastal zone of the Black Sea".

EDUCATION AND TRAINING

- 1 Oct 10 – 31 Mar 13 **postdoctoral researcher in Modelling of the Coastal Geomorphology**  
University of Bucharest, Faculty of Geography, Bucharest
- 1 Dec 99 – 22 Dec 07 **PhD**  
University "Ovidius" Constanta,  
Contributions to the Romanian coastal zone hydrodynamics
- 1 Oct 98 – 21 Jun 99 **MSc**  
University "Ovidius" Constanta,  
Coastal engineering
- 1 Oct 92 – 21 Jun 97 **Civil engineer**  
University "Ovidius" Constanta,  
Hydrotechnical constructions
- 11 Sep 00 – 22 Sep 00 **"Remote sensing of Ocean Color"**  
IOCCG & IMS/METU & NATO SfP, Erdemli (Turkey)
- 28 May 01 – 3 Aug 01 **International training on "The United Nations Convention on the Law of the Sea: its Implementations and Agenda 21"**  
IOI&Dalhahousie University, Halifax, Canada,
- 10 Sep 02 – 16 Sep 02 **"Combining Ocean Data and Dynamics"**  
IMS/METU & NATO SfP
- 3 Oct 05 – 14 Oct 05 **Ocean Colour 2005: Methods and Applications of the Ocean Colour Remote Sensing in Coastal and Regional Seas**  
JRC/IES & IOCCG & BSRP, Ispra (Italy)
- 2 Nov 05 – 8 Feb 06 **Postgraduate international course on "Groundwater Exploration, Water Resource Exploitation and Conservation"**  
LeoPicard Groundwater Research Centre, Department of Soil and Water Science/The Faculty of Agricultural, Food and Environmental Quality Sciences/Division of External Studies/Hebrew University of Jerusalem,
- 20 Mar 06 – 31 Mar 06 **"Remote Sensing and GIS for Integrated Marine-Coastal**

## Management "

INCD "GeoEcoMar" & University of Bucharest/Faculty of Geology

4 Jun 07 – 9 Jun 07 "Young scientists data managers training course",  
IODE&VLIZ/Flanders Marine Institute, IODE/IOC-UNESCO Oostende (Belgium)

Jun 08 – Oct 08 **Postgraduate courses on ArcGIS 9.x**  
ESRI Romania through Phare Project EuropeAid/122961/D/SUP/RO,  
all course on ArcGIS 9.x Desktop modules/Spatial Analyst, 3d Analyst, GeoDataBase notions and design, Advanced Analysis, Data interoperability and Cartography, and Introduction to Erdas Imagine 9.2

10 Aug 09 – 14 Aug 09 "Inversion Procedures in Ocean Colour Remote Sensing"  
GKSS & IOCCG, Hamburg/Lauenburg (Germany)

26 Oct 09 – 30 Oct 09 "Training Course on Radar Remote Sensing"  
ROSA/ESA/DLR at Faculty of Reclamations and Environmental Engineering, Bucharest (Romania)

1 Mar 12 – 31 May 12 **Mobility stage on "Advanced analysis and integrate modelling techniques for the investigation of coastal hydrodynamic phenomena using an open-source, numerical modelling platform (MOHID system); Combining modules/data, and calibration of an on-line model for specific coastal processes"**  
MARTEC, Instituto Superior Técnico, Lisbon (Portugal)

## PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Computer skills programming in Fortran/Matlab, using of numerical models: Delft3D Open/XBeach, MOHIDStudio Profesional, CEDAS/ STWAVE/Rmap/BMap ArcGIS 10, POM/Gradsc, skills in digital cartography/CAD/RS data processing: ArcGIS, ERDAS Imagine Professional 2011, ENVI, BRAT, BEAM, SeaDas, Surfer, Grafer, Didger, CAD&Pillar

Driving licence B

## ADDITIONAL INFORMATION

Member in "Balcan Environmental Association (B.EN.A.)", (2001-2007)

Member in IAHR and Romanian Association for Geomorphology

Member in Permanent Technical Secretariat (PTS) of National Council of the Coastal Zone(NCCZ), (2005-20013);

Member in Friends of Danube Delta NGO.

Member in REGA Constanta

Member in RGA

RELEVANT PUBLICATIONS

<p>I. Vizireanu, <b>R. Mateescu</b>, M. Golumbeanu, S. Ş. Benciu, C. Slave, 2016, <i>Environmental applications of the object-based classification techniques in time series analysis of different resolution satellite images</i>, Journal of Ecology and Environment Protection, Vol 17, (4)/2016: ISBN1311-5065, <a href="http://www.jepe-journal.info/home">http://www.jepe-journal.info/home</a></p>
<p>I. Omer, D. Niculescu, E. Vlasceanu, T. Cristescu, <b>R. Mateescu</b>, 2016, <i>Marine pollution risks assessment in the Romanian coastal zone</i>, Journal of Ecology and Environment Protection , Vol 17, (3)/2016: ISBN1311-5065, 911–921 (2016) Impact factor is: 0.838, <a href="http://www.jepe-journal.info/vol-17-no-3">http://www.jepe-journal.info/vol-17-no-3</a></p>
<p>Ichinur Omer, <b>Razvan Mateescu</b>, Alexandru Dimache, 2016, <i>Heavy metal pollution of the Romanian coastal area</i>, REVISTA DE CHIMIE, 67, nr.3, 2016, impact factor 0.956, <a href="http://www.revistadechimie.ro/archive.asp">http://www.revistadechimie.ro/archive.asp</a></p>
<p>M.-L. Lungu, A. Vasilachi, R. Vlasceanu, <b>R. Mateescu</b>, E. Vlasceanu, D. Niculescu, E. Memet, 2015, <i>Hydro-morphological risk phenomena induced by the climatic changes within Romanian Black Sea coastal zone</i>, Journal of Ecology and Environment Protection, Vol 16, (4): 1307-1314, ISBN1311-5065, <a href="http://www.jepe-journal.info/vol-16-no-4-2015">http://www.jepe-journal.info/vol-16-no-4-2015</a></p>
<p>E. Vlasceanu, D. Niculescu, S. Petrisoiaia, A. Spinu, <b>R. Mateescu</b>, M.-L. Lungu, A. Vasilache, R. Vlasceanu, E. Memet, 2015, <i>Romanian shore vulnerability due to storm induced erosion within the last decades</i>, Journal of Ecology and Environment Protection) Vol 16, (4): 1468-1478, ISBN1311-5065, <a href="http://www.jepe-journal.info/vol-16-no-4-2015">http://www.jepe-journal.info/vol-16-no-4-2015</a></p>
<p>Omer, <b>R. Mateescu</b>, L. Rusu, D. Niculescu, E. Vlasceanu, 2015, <i>Coastal works extensions on the Romanian touristic littoral, its ecological impacts on the nearshore bathing areas</i>, Journal of Ecology and Environment Protection) Vol 16, (2): 417-424, ISBN1311-5065, <a href="http://www.jepe-journal.info/vol-16-no2-2015">http://www.jepe-journal.info/vol-16-no2-2015</a></p>
<p>Bandoc, <b>R. Mateescu</b>, E. Dragomir, M. Golumbeanu, L. Comanescu, A. Nedelea, 2014, <i>Systemic Approach of the Impact Induced by Climate Changes on Hydrothermic Factors at the Romanian Black Sea Coast</i>, Journal of Environmental Protection and Ecology 15, No 2, 455–467 (2014), <a href="http://www.jepe-journal.info/vol-15-no-2-2014">http://www.jepe-journal.info/vol-15-no-2-2014</a></p>
<p>Bandoc G., Dragomir E., <b>Mateescu R.</b>, 2013, <i>Spatial analysis of potential evapotranspiration in Danube Delta</i>, Proceedings of 3rd International Conference on Social Sciences and Society (ICSSS 2013), published in Advances in Education Research (ISSN:2160-1070), <a href="http://eng.oversea.cnki.net/kcms/detail/detail.aspx?filename=xxgc201312007035&amp;dbcode=ipfd&amp;dbname=ipfdtemp">http://eng.oversea.cnki.net/kcms/detail/detail.aspx?filename=xxgc201312007035&amp;dbcode=ipfd&amp;dbname=ipfdtemp</a></p>
<p><b>Mateescu R.</b>, Diaconeasa D., Spinu A., Malciu V., 2012, <i>Hydro-Geomorphological Processes in the Transitional Romanian Black Sea Coast, its Consequences on the Masterplan for Coastal Protection Implementation</i>, Journal of Ecology and Environment Protection, Vol 13, (3A): 1777-1782, ISBN1311-5065, <a href="http://www.jepe-journal.info/home">http://www.jepe-journal.info/home</a></p>
<p>Zaharia T., Micu D., Nita V., Maximov V., <b>Mateescu R.</b>, Spinu A., Nedelcu M., Golumbeanu M., Cristea M., 2012, <i>Preliminary</i></p>

*data on habitat mapping in the Romania Natura 2000 marine sites*, Journal of Environmental Protection and Ecology, vol. 13 (3B): 1776-1782, ISBN 1311-5065, <http://www.jepe-journal.info/home>

A.I. Kubryakov, G. K. Korotaev, V. L. Dorofeev, Y. B. Ratner, A. Palazov, N. Valchev, V. Malciu, **R. Mateescu** and T. Oguz, 2012, *Black Sea coastal forecasting system*, Marine Science No.: os-2011-22, Ocean Science/EGU, <http://www.ocean-sci.net/8/183/2012>

Peptenatu D, Pintilii R., Draghici C., Merciu C., **Mateescu R.**, 2012, *Management of Environment Risk within Territorial Systems. Case Study – the Influence Area of the Bucharest City*, Journal of Environmental Protection and Ecology 13, No 4, 2360–2370, <http://www.jepe-journal.info/home>

**Mateescu R.**, Coman C., 2008, *Evolution of the Black Sea Romanian Shore under the Actual Anthropogenic Impact*, Jurnal of Environmental Protection and Ecology vol 9, 357-364 (2008), BENA, ISBN1311-5065, <http://www.jepe-journal.info/home>

Data: 12.09.2017

Semnatura: