



Europass Curriculum Vitae

Personal information

First name / Surname

Dragos Niculescu

Given names

Marian

Address

31 , Casin nr.2, **900546** , Constanta, Romania

Telephone

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E-mail

n.dragos8@gmail.com

Nationality

Romanian

Date of birth

08.10.1987

Gender

Male

Desired employment / Occupational field

Applied physics & engineering in research, development and innovation

Work experience

Dates

October 2010 - onwards

Occupation or position held

Scientific Researcher

Main activities and responsibilities

Marine hydrodynamics, shoreline/bathymetry/sea level monitoring, data management, remote sensing.

Name and address of employer

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

Type of business or sector

Marine research, development and innovation

Education and training

Dates

2014 –

Title of qualification awarded

Phd student – Mechanical engineering

Length of the study program - 3 years

Principal subjects / occupational skills

Marine hydrodynamics, mathematical modeling of water masses

Name and type of organisation
providing education and training

„Dunarea de Jos” University of Galati - Department Mechanical Engineering

Title of the thesis: “Assessment studies regarding renewable energy resources in the Romanian
seaside”, scientific coordinator Prof. Dr. Eugen Rusu

Level in national or international
classification

ISCED 8

Dates

2010 – 2012

Title of qualification awarded

Master degree in Physics

Long term study program - 2 years

Principal subjects / occupational skills

Physics and condensed matter technology

Name and type of organisation
providing education and training

Ovidius University of Constanta, Romania

Level in national or international
classification

ISCED 7

Dates	2006 – 2010
Title of qualification awarded	Physics Engineer - Bachelor degree in Technological Physics Long term study program - 4 years
Principal subjects / occupational skills	Optoelectronics, Electronics, Renewable Energy Technologies , Applied Plasma Technologies
Name and type of organisation providing education and training	Ovidius University of Constanta, Romania
Level in national or international classification	ISCED 6
Dates	20-27.09.2016
Name and type of organisation providing education and training	Medcoast Institute
Title of qualification awarded	Training Certificate
Principal subjects / occupational skills covered	Integrated Marine Strategy and Marine Spatial Planning in the Black Sea and Mediterranean Sea
Dates	30.05 – 03.06.2016
Title of qualification awarded	Training Certificate
Principal subjects / occupational skills	Instrument configuration, signal processing, data analysis and applications of various remote sensing instruments: SODAR, LIDAR, and SAR, etc.
Name and type of organisation providing education and training	DTU Wind Energy Department
Level in national or international classification	ISCED 8
Dates	07-10.04.2015
Name and type of organisation providing education and training	ESRI Romania
Title of qualification awarded	Training Certificate
Principal subjects / occupational skills covered	Introduction to GIS Essential Workflows
Dates	27-29.04.2015
Name and type of organisation providing education and training	Tuzla International Airport - Sea Survival School
Title of qualification awarded	Training Certificate
Principal subjects / occupational skills covered	- OPITO-approved BOSIET (Basic Offshore Safety Induction and Emergency Training) - Safety Induction - Helicopter Safety and Escape - Sea Survival and First Aid - Firefighting and Self Rescue
Dates	27-31.05.2013
Name and type of organisation providing education and training	UNESCO / IOC Project Office for IODE
Title of qualification awarded	Certificate of participation at Ocean Teacher Academy Training Course: Fundamentals of Ocean Data Management
Principal subjects / occupational skills covered	- Learning ODV and managing ocean data.

Dates 23-30.08.2012

Name and type of organisation providing education and training R.O.S.A – Romanian Space Agency

Title of qualification awarded Certificate of participation (Diploma) at GEOSS Summer School: REMOTE SENSING OF THE BLACK SEA MARINE ENVIRONMENT

Principal subjects / occupational skills covered - Remote sensing techniques
- Remote sensing sensors that can contribute to the marine environment evolution monitoring and to the satellite oceanography.

Dates 29.08-04.09.2011

Name and type of organisation providing education and training RO.S.A – Romanian Space Agency

Title of qualification awarded Certificate of participation (Diploma) at GEOSS Summer School: Advancing Earth Observation Data Understanding for Crisis Management and Emergency Response

Principal subjects / occupational skills covered - SAR based rapid mapping for emergency response - theory and practice, operational experience
- Infrastructure and land slides monitoring using SAR data - methods and techniques.
- Marine environment monitoring (SAR and optical data) - workflows and information products

Dates 03-09.07.2011

Name and type of organisation providing education and training MUSCATEN and DMI – Danish Meteorological Institute

Title of qualification awarded Certificate of participation at the International Young Scientist Summer School on “Integrated Modelling of Meteorological and Chemical Transport Processes / Impact of Chemical Weather on Numerical Weather Prediction and Climate Modelling

Principal subjects / occupational skills covered Meteorological Modelling
Atmospheric Chemical Transport Modeling - Chemistry

Dates 01.02.2011 – 01.03.2011

Title of qualification awarded Manager of Environmental Management Systems – Certificate of graduation

Name and type of organisation providing education and training B.EN.A (Balkan Environmental Association)

Dates 03-05.09.2010

Name and type of organisation providing education and training Balkan Physical Union and Romanian Physical Society

Title of qualification awarded Certificate of attendance at the International Student Conference of the "Balkan Physical Union"

Personal skills and competences

Mother tongue **Romanian**

Other language

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Independent User	C1	Independent User	B2	Independent user	B2	Independent user	B2	Independent user

Social skills and competences - Sociability, Good Communication Skills, Team spirit, Adaptability

Computer skills and competences	- Visio, Microsoft Office, Ocean View, ODV, Hypack, ArcMap.
Technical skills and competences	- Manipulation of: ADCP (Acoustic Doppler Current Profiler); GPS – equipment (Trimble); ECHOTRAC CVM Single Beam (mobile hydrographic system), UAV as a pilot /flight programmer, Water Rover pilot, Portable weather station.
Offshore experience	- In the Black Sea region, “Gloria” oil rig, Danube river, deltaic area and inland waters
Driving licence	- B category
Additional information	<p>Participation in relevant research projects:</p> <ul style="list-style-type: none"> - Ro-CEO – Romanian Cluster for Earth Observation, 2016 – 2019 - ECOAST – New methodologies for an ecosystem approach to spatial and temporal management of fisheries and aquaculture in coastal area - ECORYS – Assistance Mechanism for the Implementation of Maritime Spatial Planning - COSMOMAR – Constanta Space Technology Competence Centre Dedicated to the Romanian Marine and Coastal Regions Sustainable Development - MARSPLAN-BS - Cross-Border MARitime Spatial PLANning in the Black Sea - ECOMAGIS – PN II: „Implementation of a complex GIS for Ecosystem-based Management through integrated monitoring and assessment of the biocoenosis status and its evolution trends in the fast changing environment - EMODNET - Upgrade BLACK SEA SCENE - My Ocean - Complex system for the application of the remote sensing techniques for environmental quality monitoring and Romanian ICZM implementation support (IMAGIS) - PN 06 „Research of beach susceptibility at erosion in case of sea level increase in storm condition” - PN „Study of geomorphologic process under the influence of natural phenomenon and anthropic influences on long and short period in coastal the zone” - People for Ecosystem-based Governance in Assessing Sustainable Development of Ocean and Coast (PEGASO) - Urban Plan (Touristic activities for south part of Romanian Littoral) - Master Plan for Coastal Erosion
Contact person for references	- Dr.Eng. Razvan Mateescu, Scientific Researcher II, National Institute for Marine Research and Development, razvan_doru@yahoo.com ; Dr.Eng. Laurenta Alexandrov, Senior researcher I, National Institute for Marine Research and Development, laurenta05@yahoo.com

