



Vedran Nikolić

OFFICE

Laboratory for benthos
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Recently

2006-

Junior scientist in Laboratory for benthos, Institute of Oceanography and Fisheries

Scientific interest

Taxonomy and ecology of seawater algae in the Adriatic Sea, invasive species of genus *Caulerpa*, implementation of EU Water Framework Directive in Croatia – defining methods of measuring seawater quality with benthic macroalgae and seagrass *Posidonia oceanica*

Education and training

2005

started postgraduate PhD studies in Oceanology, Faculty of Science, University of Zagreb

2004

graduated at Faculty of Science, University of Zagreb, BSc in biology-ecology

2001

Academy for educational development (USA): Project development and organisation

1999

Gymnasium Dubrovnik, state high school, Dubrovnik

Research projects

COAST project: Inventory of marine biodiversity of islands Biševo and Vis with preparation of proposals for sustainable use of area (UNDP) (2008)

PhD thesis project: Macrophyte communities as bioindicator of the state of transitional and coastal waters of the Adriatic Sea, supervisor: Prof. Boris Antolić, Institute of Oceanography and Fisheries (2007-)

Implementing EU Water framework directive in Croatia (Croatian Waters) (2007-)

Biodiversity of the benthos in the middle Adriatic Sea (Ministry of science) (2007-2009)

Monitoring, control and eradication of the invasive algae of the genus *Caulerpa* in the Adriatic Sea, (Ministry of Culture) (2006-)

Invasive species in the Adriatic Sea (Adriatic project) (2006-)

Benthic communities of the Adriatic Sea (Ministry of science) (2006)

Diploma thesis project: Diet and behaviour of sea urchin *Paracentrotus lividus*, supervisor: Prof. Antonieta Požar-Domac, University of Zagreb (2004)

Other professional experience

Red list of algal species for the Adriatic Sea (in progress)

Impact assessment studies for aquaculture and construction projects

2005-2008

Educational campaigns, design of web pages and printed material on legal protection of marine species in Croatia (www.jadranskomore.org)

Founder and president of NGO Biologika – Society for exploration and protection of nature 2006
 Student representative in Biology department council, 2003-2004
 Member of Student Union presidency, Faculty of Science 2001
 President of BIUS – Biology Students Association 2001-2002
 Vicepresident of BIUS – Biology Students Association 1999-2001
 Leader of students' Marine Biology Group (BIUS) 2000-2004
 Member of the organising committee of «SymBioSE 2004» – Symposium of biology students of Europe, Zagreb-Zadar, 2004
 Project leader:
Posidonia oceanica community in Nature park «Telašćica» (BIUS), 2003-2004
 Green alga *Caulerpa racemosa* on Peljesac peninsula (BIUS), 2002
 Inventarisation of flora and fauna of National park «Mljet» (BIUS), 2001
 Education on legal protection of the sea and marine species in Croatia (BIUS), 2001

Personal skills and competences

Languages: croatian (mother tongue), english (excellent), french (reading)
 computer skills: Microsoft Windows, Apple Macintosh OS; Applications: MS Office, Adobe Photoshop
 other skills: drivers license, photography, video, SCUBA diving - category CMAS R2, DAN Oxygen provider, boat master

Conferences and workshops

2008 Water Framework Directive: Implementation in Croatia, workshop
 2007 Marine science and coastal management in the Adriatic region, Western Balkans: Marine Ecology workshop
 2007 Marine science and coastal management in the Adriatic region, Western Balkans: Marine Chemistry workshop
 2006 9th Croatian biological congress with international participation
 2005 SymBioSE - Symposium of biology students of Europe, Helsinki, Finland
 2004 Symbiose - Symposium of biology students of Europe, Croatia
 2003 SymBioSE - Symposium of biology students of Europe, Oslo, Norway
 1998 2nd International world heritage forum UNESCO, Osaka, Japan

Publications

Despalatović M, Grubelić I, Piccinetti C, Cvitković I, Antolić B, Žuljević A, Nikolić V. (2008) Distribution of echinoderms on continental shelf in open waters of the northern and middle Adriatic Sea. Journal of the Marine Biological Association of the United Kingdom (in press)

Žuljević A, Nikolić V, Despalatović M, Antolić B. (2008) Experimental *in situ* feeding of the sea urchin *Paracentrotus lividus* with invasive algae *Caulerpa racemosa* var. *cylindracea* and *Caulerpa taxifolia* in the Adriatic Sea. Fresenius Environmental Bulletin (in press)

Kružić P, Žuljević A, Nikolić V. (2008) Spawning of the colonial coral *Cladocora caespitosa* (Anthozoa, Scleractinia) in the Southern Adriatic Sea. Coral reefs 27(2): 337-341

Kružić P, Žuljević A, Nikolić V. (2008) The highly invasive alga *Caulerpa racemosa* var. *cylindracea* poses a new threat to the banks of the coral *Cladocora caespitosa* in the Adriatic Sea. Coral reefs 27(2): 441

Research works of BIUS – Biology Students Association in National park«Mljet» (2005) (eds.Vedran Nikolić and Pavica Sršen) BIUS, Zagreb

Proceedings of abstracts/poster presentations/talks

Despalatović M, Antolić B, Cvitković I, Grubelić I, Nikolić V, Žuljević A (2008) Echinoderm biodiversity, distribution and abundance on continental shelf in the Adriatic Sea as a base for monitoring and forecasting of possible anthropogenic disturbance in the benthic ecosystem. Abstracts from 43rd European Marine Biology Symposium. University of the Azores, Ponta Delgada, 8 – 12 September, 2008. 34-35

Žuljević A, Nikolić V, Onofri V, Sršen P, Štefan A, Kružić P, Fabio K, Obarčanin A, Petrić M. (2007) Eradication of invasive alga *Caulerpa racemosa* var. *cylindracea* in National park Mljet (Croatia). Rapp. Comm. int. Mer Médit., 38: 649

Ante Žuljević, Boris Antolić, Ivana Grubelić, Marija Despalatović, Vedran Nikolić (2006): Macrostructure of *Posidonia oceanica* (L.) Delile meadows in the Adriatic Sea, Mediterranean Seagrass Workshop, Malta

Vedran Nikolić, Ante Žuljević, Marija Despalatović, Boris Antolić (2006): Feeding of the sea urchin *Paracentrotus lividus* with invasive algae *Caulerpa taxifolia* and *Caulerpa racemosa* var. *cylindracea*, Summary book/9th Croatian biological congress with international participation

Interests and activities

I am cooperative, communicative person, easily adaptable to every team, with high organisational and management skills and very responsible. I enjoy travelling, exploring nature and diving.

Memberships

Croatian Biological Society 1885

BIOLOGIKA – Society for Exploration and Conservation of Nature

BIUS – Biology Students Association