



TROPIMUNDO

ERASMUS MUNDUS MASTERS COURSE IN TROPICAL BIODIVERSITY AND ECOSYSTEMS

Behara SATYANARAYANA, TROPIMUNDO UMT Local Coordinator

Behara Satyanarayana is currently working as Associate Professor at the Higher Institution Centre of Excellence (HICoE) in Marine Sciences, Institute of Oceanography and Environment (INOS), Universiti Malaysia Terengganu – UMT (since 2013). He is also affiliated to both University Libre Brussles (ULB, Belgium) and Vrije Universiteit Brussels (VUB, Belgium) as a potential scientific collaborator. He worked (1995-2002) in the European Commission (EC) and the Department of Ocean Development (DOD, India) funded research projects on Coringa mangroves of Godavari Delta in south India, and completed his Ph.D. Thesis entitled, 'Ecobiology and Remote Sensing based study of Coringa mangroves in the Godavari Delta, East coast of India'. He received training on the application of Remote Sensing and GIS at the VUB in 1999; National Remote Sensing Agency (Hyderabad, India) in 2000; and the French Institute of Pondicherry (IFP, India) in 2001. He was a Senior Scholar at Nanjing University, China (2002-2003), Post-Doctoral fellow at Chinese Academy of Sciences (2004-2006) and ULB (2010-2012). After the Lecturer position (2006-2009), he was reappointed as Associate Professor at the UMT (2013- to present). His teaching and research work is mainly focused on mangrove ecosystems including both flora and fauna (species composition, distribution, zonation patterns, species-environment relationship, etc.). He is also concentrating on the local stakeholder (community-based research) analysis for appropriate conservation and management of the mangrove ecosystems in avarious parts of the world (India, Malaysia, Sri Lanka).

1	Family name	Behara		
2	First name	SATYANARAYANA		
3	Place and Date of birth	Samalkot (Andhra Pradesh, India), 18 Aug 1972		
4	Nationality	Indian		
5	E-mail	Satyam2149@gmail.com		
6	Education / Professional studies			
	Dates (from-to)	Institution	Degree/diploma	
	1989-1992	Andhra University, India	BSc Fisheries, Zoology and Chemistry	
	1993-1995	Acharya Nagarjuna University, India	MSc in Zoology with Aquaculture	
	1996-2002	Andhra University, India	PhD in Marine Biology	
7	Language skills Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	English	4	5	5
	Telugu*	5	5	5
	Hindi	4	4	4
8	Membership of professional bodies			
9	Other Skills			
	Statistical analyses (PRIMER, Canoco), research and management			
10	Name of organisation currently working for and Present position in the organisation	Institute of Oceanography and Environment (INOS), Universiti Malaysia Terengganu (UMT), Kuala Terengganu, Malaysia - Associate Professor		

11	Years with the organisation		2006-2009 : 3 years and 3 months & 2013 – present: 3 years and 10 months
12	Long-term experience in selected countries/territories		
	Country	Date	Details
	India	1995 -2002	Research on Coringa mangroves in Godavari Delta
	China	2002-2006	Application of Remote Sensing and GIS tools for land-use/cover mapping, ocean productivity monitoring
	Malaysia	2006 - present	Research on mangrove flora and associated fauna, forest conservation and management
13	Professional experience record		
	Location	Date	Organisation
1	India	1996-2002	Andhra University
	Position	Research Assistant / Senior Research Fellow / Research Fellow	
	Responsibilities	Research on mangrove floral and faunal diversity and ecosystem assessment	
2	China	2002-2006	Nanjing University & Chinese Academy of Sciences
	Position	Senior Scholar / Post-Doc Researcher	
	Responsibilities	Research and publications	
3	Belgium	2010-2012	Université Libre de Bruxelles
	Position	Post-Doc Researcher	
	Responsibilities	Research supervision to MSc students and publications	
4	Malaysia	2006-2009 & 2013 - present	Universiti Malaysia Terengganu
	Position	Lecturer / Associate Professor	
	Responsibilities	Teaching BSc/MSc students, Research supervision and publications	
14	Publications		
	Number of publications in peer-reviewed journals		
	26		
	10 publications that are most representative in the field of tropical biodiversity and ecosystems		
	2011		
	1. Long-term mangrove forest development in Sri Lanka: early predictions evaluated against outcomes using VHR remote sensing and VHR ground-truth data by <u>B. Satyanarayana</u> , N. Koedam, K. De Smet, D. Di Nitto, M. Bauwens, L.P. Jayatissa, S. Cannicci and F. Dahdouh-Guebas. <i>Marine Ecology Progress Series</i> 443: 51-63 (IF ₂₀₁₅ = 2.361).		
	2. Assessing forest products usage and local residents' perception of environmental changes in peri-urban and rural mangroves of Cameroon, Central Africa by A. Nfotabong Atheull, N. Din, L.G. Essomè Koum, <u>B. Satyanarayana</u> and F. Dahdouh-Guebas. <i>Journal of Ethnobiology and Ethnomedicine</i> 7: 41 (IF ₂₀₁₅ = 2.414).		
	2012		
	3. The mangroves of Tanbi Wetland National Park in The Gambia (West Africa): a socio-ecological study aiming at improved forest resource management and ecotourism development by <u>B. Satyanarayana</u> , P. Bhanderi, M. Debry, D. Maniatis, F. Franka, T. Vanwing, C. Farcy, N. Koedam and F. Dahdouh-Guebas. <i>Ambio</i> 41(5): 513-526 (IF ₂₀₁₅ = 2.555).		
	2013		

	<p>4. Are the mangroves in the Galle-Unawatuna area (Sri Lanka) at risk? A social-ecological approach involving local stakeholders for a better conservation policy by <u>B. Satyanarayana</u>, S. Mulder, L.P. Jayatissa and F. Dahdouh-Guebas. <i>Ocean & Coastal Management</i> 71: 225-237 (IF₂₀₁₅ = 1.696).</p> <p>5. Dynamics in mangroves assessed by high resolution and multi-temporal satellite data: a case-study in Zhanjiang Mangrove National Nature Reserve (ZMNNR), P.R. China by K. Leempoel, <u>B. Satyanarayana</u>, C. Bourgeois, J. Zhang, M. Chen, J. Wang, J. Bogaert and F. Dahdouh-Guebas. <i>Biogeosciences</i> 10: 5681-5689 (IF₂₀₁₅ = 3.700).</p> <p>2014</p> <p>6. Is Matang mangrove forest in Malaysia sustainably rejuvenating after more than a century of conservation and harvesting management? by A. Goessens, <u>B. Satyanarayana</u>, T. Van der Stocken, M. Quispe Zuniga, H. Mohd-Lokman, I. Sulong and F. Dahdouh-Guebas. <i>PLoS ONE</i> 9(8): e105069 (IF₂₀₁₅ = 3.057).</p> <p>2015</p> <p>7. Episodic human activities and seasonal impacts on the <i>Tachypleus gigas</i> (Müller, 1795) population at Tanjung Selangor in Peninsular Malaysia by B.R. Nelson, <u>B. Satyanarayana</u>, J.M.H. Zhong, F. Shaharom, M. Sukumaran and A. Chatterji. <i>Estuarine, Coastal and Shelf Science</i> 164: 313-323 (IF₂₀₁₅ = 2.335).</p> <p>2016</p> <p>8. The final spawning ground of <i>Tachypleus gigas</i> (Müller, 1785) on the east Peninsular Malaysia is at risk: A call for action by B.R. Nelson, <u>B. Satyanarayana</u>, J.H.Z. Moh, M. Ikhwanuddin, A. Chatterji and F. Shaharom. <i>PeerJ</i> 4:e2232 (IF₂₀₁₅ = 2.183).</p> <p>9. Modern benthic foraminifera in subtidal waters of Johor: Implication for Holocene sea-level change on the east coast of Peninsular Malaysia by F.I. Minhat, <u>B. Satyanarayana</u>, H. Mohd-Lokman and V.V.V. Rajan. <i>Journal of Foraminiferal Research</i> 46(4): 347-357 (IF₂₀₁₅ = 1.589).</p> <p>10. Mapping discourses using Q methodology in Matang Mangrove Forest, Malaysia by J. Hugé, K. Vande Velde, F. Benitez-Capistros, J.H. Japay, <u>B. Satyanarayana</u>, M.N. Ishak, M. Quispe-Zuniga, H. Mohd-Lokman, I. Sulong, N. Koedam and F. Dahdouh-Guebas. <i>Journal of Environmental Management</i> 183: 988-997 (IF₂₀₁₅ = 3.131).</p>		
15	Number of conference presentations (between brackets invited contributions)		
	International : 34, National : 17 & Invited talks : 3		
16	Most important awards		
	Award	Award date	Issuing organisation
1	Honorary Certificate in recognition of the 2014 research publication(s)	14 May 2015	Universiti Malaysia Terengganu
2	Millennium Development Goals Award - 2014 for the M.Sc. Thesis co-supervised by ULB-UMT partners	December 2014	Vrije Universteit Brussels