



TROPIMUNDO

ERASMUS MUNDUS MASTERS COURSE IN TROPICAL BIODIVERSITY AND ECOSYSTEMS

Stefano CANNICCI, TROPIMUNDO HKU Local Coordinator

Stefano Cannicci holds a MSc in Natural History Sciences, and he is holder of a PhD in Animal Biology (Ethology). After a postdoc period of 12 years at UNIFI and more than 40 research missions in various African and Asian tropical and subtropical countries funded both by the European Union and by The Italian Ministry of University and Research, and for the Laboratory of Integrative and Applied Zoology, at the Department of Evolutionary Biology of the University of Florence, he was appointed Senior Lecturer (permanent position) at UNIFI in 2005. He was Elected Member of the Board of Directors of the University of Florence (2011 -2015). Since 2015 he moved to the Swire Institute of Marine Science at the University of Hong Kong (HKU). As a new staff member he started build a research team to continue his studies on mangrove ecology, population genetics of decapods and behavioural ecology of mangrove fauna. He continued research into the biology, ecology and evolutionary adaptations of flora and fauna of Indo-Pacific mangrove forests, together with colleagues of the ULB, VUB, Rhodes University (South-Africa), and UMT. In addition, he finalised studies on the evolution of morpho-functional, physiological and behavioural adaptations to terrestrial life in decapods. His effort is mangrove conservation and management continued by participating in the IUCN SSC Mangrove Specialist Group.

1	Family name	CANNICCI		
2	First name	Stefano		
3	Date of birth	25 January 1967		
4	Nationality	Italian		
5	E-mail	cannicci@hku.hk		
6	Education / Professional studies			
	Dates (from-to)	Institution	Degree/diploma	
	01/09/1986-15/06/1991	Università degli Studi di Firenze	Laurea in Scienze Naturali (equivalent of a MSc in Biology)	
	01/01/1992-31/12/1994	Università degli Studi di Firenze	PhD Animal Biology	
7	Language skills Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	Italian	5*	5	5
	English	5	5	4
	French	2	4	2
	Kiswahili	2	1	1
	Chinese	1	1	1
8	Membership of professional bodies			
	Royal Institute of Navigation (UK) Italian Zoological Society (IT) Italian Society of Animal Behaviour (IT) Italian Society of Evolutionary Biology (IT)			
9	Other Skills			

	Computer skills, research skills, managerial capabilities		
10	Name of organisation currently working for and Present position in the organisation	Name of Organisation: University of Hong Kong – HKU-SWIMS Present position in the organisation: Associate Professor (permanent Position)	
11	Years with the organisation	3 (previously >25 yrs with UNIFI)	
12	Long-term experience in specific countries/territories		
	Country	Date	Details
	Kenya	1992-present	Research on mangrove macrofauna
	Tanzania	1997-present	Research on mangrove macrofauna
	Mozambique	1997-present	Research on mangrove macrofauna
	South Africa	1998-present	Research on mangrove macrofauna and rocky shore ecology
	Sri Lanka	2004 - 2005	Research on mangrove ecosystems
	Malaysia	2013-present	Research on mangrove ecosystems
	South China Sea	2015-present	Research on rocky shore and mangrove ecology
13	Professional experience record		
	Location	Date	Organisation
	Hong Kong	2015-present	University of Hong Kong (Swire Institute of Marine Science)
	Firenze	1992-present	Università degli Studi di Firenze
	Position	Associate Professor	
	Responsibilities	Scientific research, Education, Projects, Management	
14	Publications		
	Number of publications in peer-reviewed journals		
	84		
	10 publications that are most representative in the field of tropical biodiversity and ecosystems		
	<p>1) Fusi M., Beone G.M., Suci N.A., Sacchi A., Trevisan M., Capri E., Daffonchio D., Din N., Dahdouh-Guebas F., Cannicci S., 2016. Ecological status and sources of anthropogenic contaminants in mangroves of the Wouri River Estuary (Cameroon). <i>Mar. Pollut. Bull.</i> 109: 723-733.</p> <p>2) Fratini S., Ragionieri L., Cannicci S., 2016. Demographic History and Reproductive Output Correlates with Intraspecific Genetic Variation in Seven Species of Indo-Pacific Mangrove Crabs. <i>PLOS ONE</i> 11: e0158582. doi:10.1371/journal.pone.0158582</p> <p>3) Fusi M., Giomi F., Babbini S., Daffonchio D., McQuaid C., Porri F., Cannicci S., 2015. Thermal specialization across large geographical scales predicts the resilience of mangrove crab populations to global warming. <i>Oikos</i>, 124: 784-795.</p> <p>4) Lee S.Y., Primavera J.H., Dahdouh-Guebas F., McKee K., Bosire J.O., Cannicci S., Diele K., Fromard F., Koedam N., Marchand C., Mendelssohn I., Mukherjee N., Record S., 2014. Ecological role and services of tropical mangrove ecosystems: A reassessment. <i>Global Ecol. Biogeogr.</i> 23: 595-609.</p> <p>5) Giomi F., Fusi M., Barausse A., Mostert B., Pörtner H.-O., Cannicci S., 2014. Improved heat tolerance in air drives the recurrent evolution of air-breathing. <i>Proc. R. Soc. B.</i>, 281: 20132927.</p> <p>6) Bartolini F., Cimò F., Fusi M., Dahdouh-Guebas F., Penha Lopes G., Cannicci S., 2011. The effect of sewage discharge on the ecosystem engineering activities of two East African fiddler crab</p>		

	<p>species: Consequences for mangrove ecosystem functioning. <i>Mar. Environ. Res.</i> 71: 53-61.</p> <p>7) Cannicci, S., Bartolini F., Dahdouh-Guebas F., Fratini S., Litulo C., Macia A., Mrabu E. J. Penha-Lopes G., Paula J., 2009. Effects of urban wastewater on crab and mollusc assemblages in equatorial and subtropical mangroves of East Africa, <i>Estuar. Coast. Shelf Sci.</i> 84: 305-317.</p> <p>8) Bartolini F., Penha-Lopes G., Limbu S., Paula J., Cannicci S., 2009. Behavioural responses of the mangrove fiddler crabs (<i>Uca annulipes</i> and <i>U. inversa</i>) to urban sewage loadings: results of a mesocosm approach. <i>Mar. Pollut. Bull.</i> 58: 1860-1867.</p> <p>9) Cannicci S., Burrows D., Fratini S., Smith III T.J., Offenbergl J., Dahdouh-Guebas F., 2008. Faunal impact on vegetation structure and ecosystem function in mangrove forests: A review. <i>Aquat. Bot.</i> 89: 186-200.</p> <p>10) Duke N. C., J.-O. Meynecke, S. Dittmann, Ellison A. M., Anger K., Berger U., Cannicci S., Diele K., Ewel K. C., Field C. D., Koedam N., Lee S. Y., Marchand C., Nordhaus I., Dahdouh-Guebas F., 2007. A world without mangroves? <i>Science.</i> 317: 41-42.</p>		
15	Number of conference presentations (between brackets invited contributions)		
	115 (5)		
16	Awards		
	Award	Award date	Issuing organisation
	Fellowship Award	2010	Royal Insistitute of Navigation (UK)