

## Lucia Porzio



Born in Scafati (Italy) on 28/10/1982

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**Current Position:** Post-Doc, temporary researcher

Director of Studies: Maria Cristina Buia

Appointed on project: POR Campania FSE 2014-2020

**Affiliation:**

Section IME, Stazione Zoologica Anton Dohrn, Villa Dohrn, Ischia, Napoli (Italy)

**Education/Training/Experience**

Institute and Location	Degree/ Function	Year	Field of Study
University of Naples "Federico II", Italy	Master's Degree	2007	Marine Ecology
Roscoff Marine Station, France	Training	2007 (1 month)	Algal Diversity and Functional Genomics
University of La Laguna, Spain	Training	2008 (2 months)	Systematics of macroalgae
University of Naples "Federico II", Italy	PhD	2011	Taxonomy, Ecology and Molecular Biology of marine macroalgae
Second University of Naples, Italy	FIRB Fellowship	2011-2014	Ecology of epiphytic diatom community
CONISMA, Italy	Fellowship	2015 (2 months)	Taxonomy of macrobenthos

## **Publications**

### ***List of publications of the last 10 years***

#### ***Journal Papers***

- Porzio L.**, Garrard S., Buia M.C. 2013 The effect of ocean acidification on early algal colonization stages at natural CO<sub>2</sub> vents. *Marine Biology*, 160, Issue 8: 2247-2259.
- Porzio L.**, Buia M.C., Hall-Spencer J. 2011. Effects of ocean acidification on macroalgal communities. *J. Exp. Mar. Bio. Ecol.*, 400: 278-287
- Gambi M.C., Hall-Spencer J.M., Cigliano M., Cocito S., Lombardi C., Lorenti M., Patti F.P., **Porzio L.**, Rodolfo-Metalpa R., Scipione M.B., Buia M.C. 2010. Using volcanic CO<sub>2</sub> vents to study the effects of ocean acidification on benthic biota: highlights from Castello Aragonese d'Ischia (Tyrrhenian Sea). *Biol. Mar. Mediterr.*, 17 (1): 86-88
- Porzio L.**, Lorenti M., Arena C., Buia M.C., 2010. Risposta fotosintetica di alcune specie macroalgali in ambiente acidificato. In: Bottarin R., Schirpke U., Tappeiner U.(Eds.), *L'uomo nell'ecosistema: una relazione bilanciata?*. Eurac book, 56(vol. 1): 181-187. ISBN: 978-88-88906-55-3

#### ***Websites or online articles***

- Butera E., Fink P., Di Natale M., Mutalipassi M., Massa Gallucci A., **Porzio L.**, Zupo V. (2015). Epiphyte-borne volatile infochemicals influence the behavioral patterns of seagrass-associated mesograzers. ASLO (ID: 25981) available online: <http://www.sgmeet.com/aslo/granada2015/viewabstract.asp?AbstractID=25981>. (last visited, 29/06/2015)

## **Congress and courses attendance**

- Grech D., Chiarore A., Mulas M., **Porzio L.**, Buia M.C. 2014. *Cystoseira stands in the Gulf of Naples: overview, ongoing research and future perspectives*. SZN, Scientific Council and Retreat; 07/2014
- Buia M.C., Chiarore A., Mulas M., **Porzio L.** 2013. Historical Changes in Algal Diversity in the Gulf of Naples. In: Ozhan E. *Proceedings of the Global Congress on Integrated Coastal Management: Lessons Learned to Address New Challenges (Marmaris, Turkey 30 October – 03 November 2013)*, pp. 836-847
- Porzio L.**, Buia M.C., De Stefano M. 2012. Epiphytic diatom community response to ocean acidification. *Proceedings of the 22nd International Diatom Symposium (Ghent, 26-31 August 2012)*.
- Porzio L.**, Arena C., Lorenti M., Buia M.C. 2011. Responses of a Mediterranean macroalgal community to ocean acidification. *Proceedings of the 5th European Phycological Congress (Rhodes Island, – 4-9 September 2011)*.

- Porzio L.**, Arena C., Lorenti M., Buia M.C. 2010. Ecophysiological response of some macroalgal species to a natural pH gradient. Proceedings of the XX meeting of the Italian Society of Ecology (Rome –27-30 September, 2010).
- Porzio L.**, Arena C., Patti F.P., Lorenti M., Buia M.C. 2010. An integrated approach to study the effects of chronic water acidification. Book of the fourth Mediterranean symposium on marine vegetation (Hammamet, 2-4 December 2010), El Asmi S., Langar H., Belgacem W. edits., CAR/ASP publ., Tunis, 99-104
- Porzio L.**, Arena C., Patti F.P., Lorenti M., Buia M.C. 2010. An integrated approach to study the effects of chronic water acidification. Book of the fourth Mediterranean symposium on marine vegetation (Hammamet, 2-4 December 2010), El Asmi S., Langar H., Belgacem W. edits., CAR/ASP publ., Tunis, 99-104
- Porzio L.**, Buia M.C. 2009. Effects of acidification on benthic macroalgal diversity. Proceedings of the XIX meeting of the Italian Society of Ecology (Bolzano –15-18 September, 2009).
- Porzio L.**, Hall-Spencer J.M., Buia M.C., 2008. Macroalgal Community response to increasing CO<sub>2</sub>. Book of Abstracts of the Second International Symposium on the Ocean in a high CO<sub>2</sub> World (Monaco - October 6-9, 2008).
- M.C. Buia, **L. Porzio**, F.P. Patti. The Application of the "CARLIT method" to assess the ecological status of coastal waters in the Gulf of Naples. PNUE-PAM-CAR/ASP, 2007. Book of the third Mediterranean symposium on marine vegetation (Marseilles, 27-29 March 2007), C. Pergent-Martini, S. El Asmi, C. Le Ravallec edits., CAR/ASP publ., Tunis: 253-254.