

GIORGIO BAVESTRELLO

CURRICULUM VITAE

Dal dicembre 2011 Giorgio Bavestrello è professore ordinario di Zoologia presso il Dipartimento di Scienze della Terra, dell'Ambiente e della Vita dell'Università di Genova dove, dal 2013, coordina il Consiglio di Corso di Laurea di Scienze Ambientali e naturali al quale afferiscono una laurea triennale (Scienze Ambientali e Naturali) e due Lauree Magistrali (Scienze del Mare e Scienze dei Sistemi Naturali).

Dopo la laurea in Scienze Biologiche, ottenuta nel 1982 presso l'Università degli studi di Genova e il dottorato conseguito nel 1990 nella stessa università, si è costantemente occupato di tassonomia, biologia ed ecologia degli organismi del benthos marino di substrato duro con particolare riguardo per poriferi e cnidari.

Nominato professore associato (1998) e in seguito professore ordinario (2001) di Zoologia presso l'Università Politecnica delle Marche dove ha diretto il gruppo di Zoologia Marina del Dipartimento di Scienze della Vita e dell'Ambiente che ha condotto numerose campagne di ricerca in Mediterraneo, Sud-Est Asiatico (Indonesia, Vietnam), Giappone e Antartide.

Il lavoro del gruppo guidato da Giorgio Bavestrello si è particolarmente concentrato sull'ecologia delle barriere coralline indonesiane studiando le relazioni simbiotiche coinvolgenti poriferi e cnidari e altri organismi sia autotrofi che eterotrofi.

In Mediterraneo le ricerche si sono focalizzate sullo studio della risposta a breve e lungo termine degli organismi al riscaldamento globale. Particolare attenzione è stata dedicata allo studio delle morie di massa di organismi bentonici considerate legate alle anomalie termiche delle acque costiere.

Un filone di ricerca particolarmente produttivo ha riguardato le strutture biomineralizzate in spugne e cnidari e l'influenza della struttura mineralogica del substrato nell'insediamento dei diversi organismi del benthos.

Recentemente ha sviluppato lo studio delle comunità a coralli e spugne dei fondi profondi del Mediterraneo indagati tramite utilizzo del ROV con particolare riferimento all'impatto delle attività di pesca.

Ha descritto numerosi nuovi taxa (generi e specie) in poriferi e cnidari.

Su questi argomenti Giorgio Bavestrello ha pubblicato oltre 300 articoli scientifici in gran parte su importanti riviste internazionali.

Ha coordinato il dottorato in Biologia ed Ecologia Marina dell'Università Politecnica delle Marche.

Ha diretto dal 2001 al 2006 il Master in "Conoscenza e gestione della Biodiversità delle Scogliere coralline Indonesiane" finanziato con progetti INTERLINK. Numerosi alunni di questo master occupano attualmente posizioni di rilievo nel sistema universitario indonesiano. E' stato invitato come oratore all'inaugurazione dell'Wallace Institute di Makassar ed è stato il coordinatore di una missione congiunta Italo-Indonesiana per la valutazione degli effetti dello tsunami 2004 sulle barriere coralline dell'isola di Sumatra.

I rapporti con l'HiPhong Institute of Marine Biology in VietNam sono stati particolarmente proficui da un punto di vista scientifico, soprattutto per quel che riguarda il lavoro svolto nella Halong Bay, con la scoperta di nuove biocenosi di laghi carsici salati.

Con il Giappone (Kochi University) è in corso un programma di ricerca per lo studio della biologia e della pesca del corallo.

Ha seguito numerose tesi di dottorato di ricerca.

Intrattiene relazioni con numerose Università Straniere. E' stato coinvolto come Coordinatore nazionale (CN) o Responsabile di unità (RU) in numerosi progetti di ricerca sia nazionali che europei.

Principali pubblicazioni di Giorgio Bavestrello

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15. Bavestrello, G., M. Bonito & M. Sarà, 1993. Silica content and spicular size variation during an annual cycle in *Chondrilla nucula* Schmidt (Porifera, Demospongiae) in the Ligurian Sea. *Sci. Mar.*, 57: 421-425.
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