



University of Genova

**Department of Earth, Environmental
and Life Sciences**

**Doctorate Course in Earth and
Environmental Science and
Technology**

Università degli Studi di Genova



Dottorato in Scienze e Tecnologie
per l'Ambiente e il Territorio

Curriculum in biology applied to agriculture and the environment

Research Theme n. 4

<p>Titolo (Italiano) Valutazione del rischio per le specie invasive con particolare attenzione ai processi competitivi con le specie autoctone Title (inglese) Risk assessment for invasive species with particular attention to competitive processes with native species</p>
<p>Tutor (name and email) and eventual co-tutor Luigi Minuto (luigi.minuto@unige.it), Gabriele Casazza (gabriele.casazza@unige.it)</p>
<p>Program description including the formation program abroad (Inglese) The research program aims to assess the risk for invasive species in the Mediterranean area taking into account the competitive processes between invasive and native species. These processes will be assessed at different spatial and ecological scale. The PhD student must spend at least three months in a foreign institution.</p>
<p>Financial support Fondi Minuto</p>
<p>Tutor's publications (max 3) Guerrina M, Dagnino D, Minuto L, Médail F, Casazza G. 2024. Unveiling the hypotheses of endemic richness: a study case in the Southwestern Alps. <i>Perspectives in Plant Ecology, Evolution and Systematics</i>, 125792 Casazza G, Guerrina M, Dagnino D, Minuto L. 2023. Will natura 2000 european network of protected areas support conservation of Southwestern Alps endemic flora under future climate? <i>Biodiversity and Conservation</i> 32 (4), 1353-1367 Casazza G, Abeli T, Bacchetta G, Dagnino D, Fenu G, Gargano D, Minuto L, Montagnani C, Orsenigo S, Peruzzi L, Varaldo L, Rossi G. 2021. Combining conservation status and species distribution models for planning assisted colonisation under climate change. <i>Journal of Ecology</i> 109: 2284-2295. DOI: 10.1111/1365-2745.13606</p>