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Vaga para pós-doutorado junto ao grupo **ReefSYN** do Centro de Síntese em Biodiversidade e Serviços Ecosistêmicos (Sinbiose), CNPq. Oportunidade para trabalhar com um grande grupo de pesquisadores e desenvolver questões relacionadas ao funcionamento, provisão de serviços ecossistêmicos e conservação dos recifes brasileiros. Elegibilidade: experiência com modelagem e ecologia quantitativa, domínio de linguagens de programação e manejo de grandes bases de dados, capacidade de trabalhar tanto em grupo quanto individualmente, habilidade para comunicação escrita e oral, incluindo em língua inglesa. Background na interseção entre gestão costeira, pesca e ecologia humana é bem-vindo. O **ReefSYN** valoriza a diversidade na ciência e busca refletir este valor em sua equipe de trabalho. Por isso, encorajamos a candidatura de mulheres, pessoas negras, indígenas e de outras etnias, pessoas LGBTQIA+, e consideramos o período de licença maternidade na avaliação das candidatas.

### Post-doctoral Researcher in Ecological Modeling and Marine Ecosystem Services

Call	<p>Are you interested in the potential impacts of global change on ecosystem services? Would you like to tackle relevant questions in your work, such as those related to fisheries management and food security? You have always wanted to work with marine ecosystems, especially reefs? All of this is possible within our project “ReefSYN: Brazilian reefs in the Anthropocene”. See below how to apply and work with us.</p> <p>P.I. Prof. Mariana Bender, Department of Ecology and Evolution, UFSM Co-P.I. Prof. Sergio Floeter, Department of Ecology and Zoology, UFSC</p>
Project and position summary	<p><b>ReefSYN</b> is part of SinBiose (<a href="http://www.sinbiose.cnpq.br">www.sinbiose.cnpq.br</a>), the first ecological synthesis center in Brazil. Our working group includes 21 researchers and managers from Brazilian and international institutions. The post-doc will join us for the 3<sup>rd</sup> year of our project, and develop research related to the following aims (i) synthesis about the distribution of reef ecosystem services along the Brazilian coast and (ii) contribution of Brazilian reefs to food security.</p> <p>Post-doctoral researcher will possibly compile data, manage large datasets, conduct data analysis, participate in working group meetings and lead research articles. See duties below.</p>
Location	Santa Maria, Rio Grande do Sul, Brazil
Department/ University	Ecology and Evolution Department, Universidade Federal de Santa Maria
Duties	<ul style="list-style-type: none"> <li>● Conduct research to address the objectives of the project</li> <li>● Manage research activities in an organized manner, to meet project targets</li> <li>● Search and compile data on fisheries, economical indices, human development</li> <li>● Lead data analysis and interpretation</li> </ul>



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	<ul style="list-style-type: none"> <li>● Lead and co-lead writing and publishing of results in high impact journals</li> <li>● Present project results at internal and external meetings</li> <li>● Engage with project co-investigators and colleagues</li> <li>● Organize and attend project group meetings</li> <li>● Assist graduate and undergraduate students</li> </ul>
Essential skills and knowledge	<ul style="list-style-type: none"> <li>● Experience in data analysis and interpretation, including statistical modelling of large and complex datasets</li> <li>● Fluency in programming languages (R)</li> <li>● Good organisational skills, excellent record-keeping</li> <li>● Publication record appropriate to stage of career including recent first authored research publications in internationally recognised peer-reviewed journals</li> <li>● Proactive and hard-working with a high degree of initiative, enthusiasm and positive attitude</li> <li>● Ability to communicate effectively and present information in an accurate and appropriate format</li> <li>● Capacity to work both individually and as part of a group</li> <li>● Good writing and speaking skills (English)</li> </ul>
Desirable skills and knowledge	<ul style="list-style-type: none"> <li>● Understanding of coral reef ecology and/or marine ecosystems</li> <li>● Understanding of fisheries statistics</li> <li>● Understanding of ecosystem-based management and marine conservation</li> </ul>
Salary	R\$ 4.100,00 monthly wage + R\$ 400,00
Duration	12 months
How to apply	<ul style="list-style-type: none"> <li>● CV</li> <li>● Letter of intention (1 page maximum). In this letter, applicants must demonstrate how they meet the above listed criteria.</li> <li>● Email a single PDF file to mariana.bender@ufsm.br with the email title "ReefSYN Post-doc - Your last name". Final candidates will be contacted for interviews (in Portuguese or English)</li> </ul>