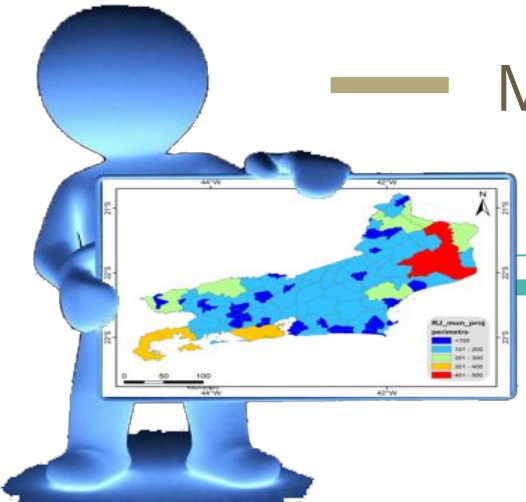
Cartografia & Saúde: Análise geoespacial como ferramenta aplicada na parasitologia

Modelagem de Nicho Ecológico



Diogo S. B. Rocha

INSTITUTO INTERNACIONAL PARA SUSTENTABILIDADE

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Fiocruz - 2021

Exemplos de usos da modelagem

- Avaliar o efeito de mudanças climáticas sobre a área de distribuição das espécies
- Identificar áreas com maior probabilidade de ocorrência de espécies raras
- Detectar áreas susceptíveis à invasão por espécies exóticas
- Estimar áreas adequadas ao cultivo de espécies de interesse comercial
    - inclusive frente às mudanças climáticas
- Investigar quais fatores ambientais influenciam a distribuição e/ou expansão da ocorrência da espécie
- Escolher espécies para restauração de áreas degradadas
- Escolher áreas prioritárias para conservação

Contents lists available at ScienceDirect

Aquaculture

journal homepage: www.elsevier.com/locate/aqua-online

Risk analysis using species distribution modeling to support public policies for the alien alga *Kappaphycus alvarezii* aquaculture in Brazil

Beatriz Castelar [a,b,*], Marinez F. de Siqueira [a], Andrea Sánchez-Tapia [a], Renata P. Reis [a]

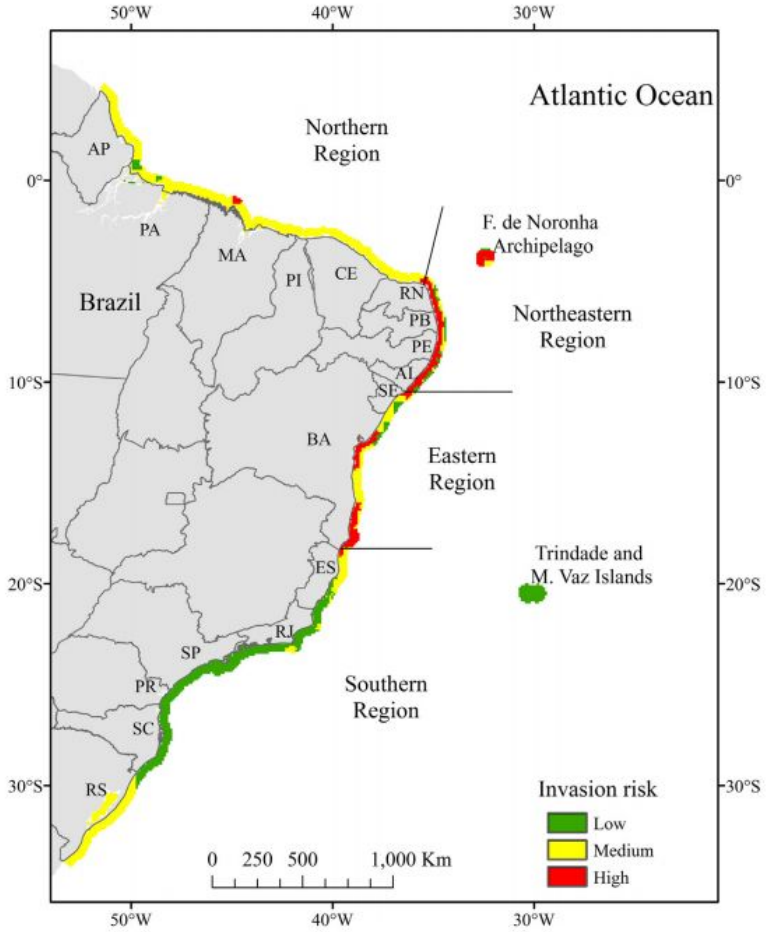
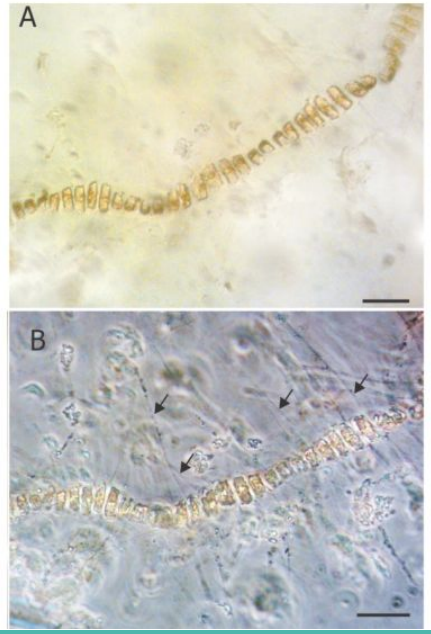


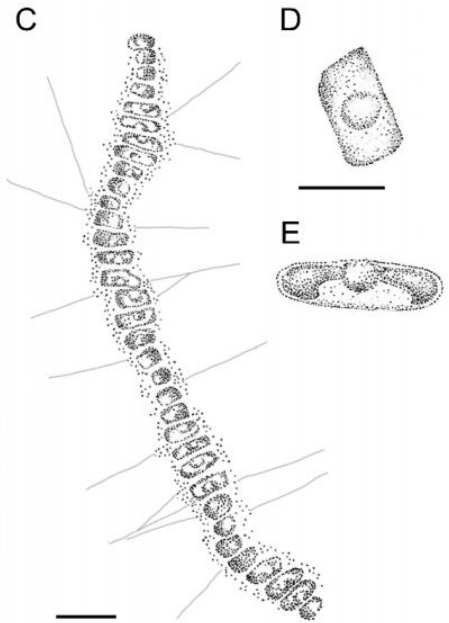
Fig. 2. Risk analysis map of introduction of *K. alvarezii* for aquaculture purposes in Brazil.

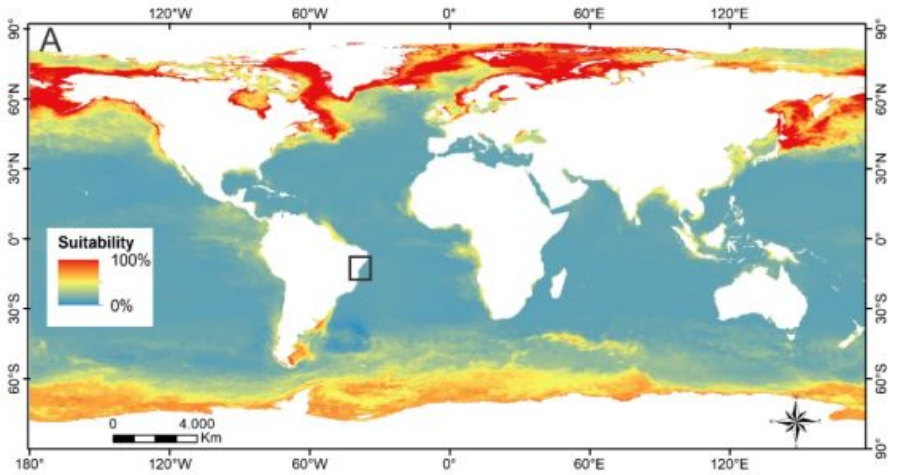
PANAMJAS
Pan-American Journal of Aquatic Sciences

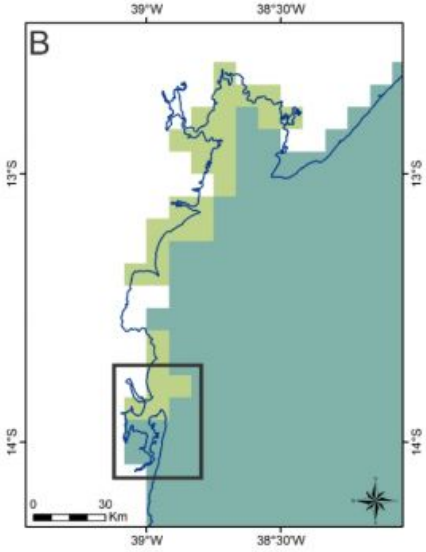
First record of *Navicula pelagica* (Bacillariophyta) in the South Atlantic Ocean: the intriguing occurrence of a sea-ice-dwelling species in a tropical estuary

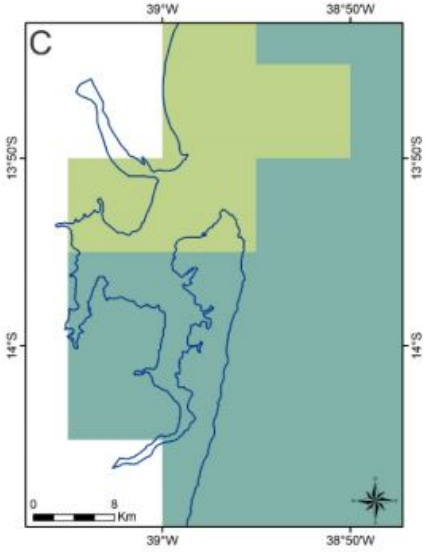
HELEN MICHELLE DE JESUS AFFE[1*], DIOGO SOUZA BEZERRA ROCHA[2], MARIÂNGELA MENEZES[3] & JOSÉ MARCOS DE CASTRO NUNES[1]





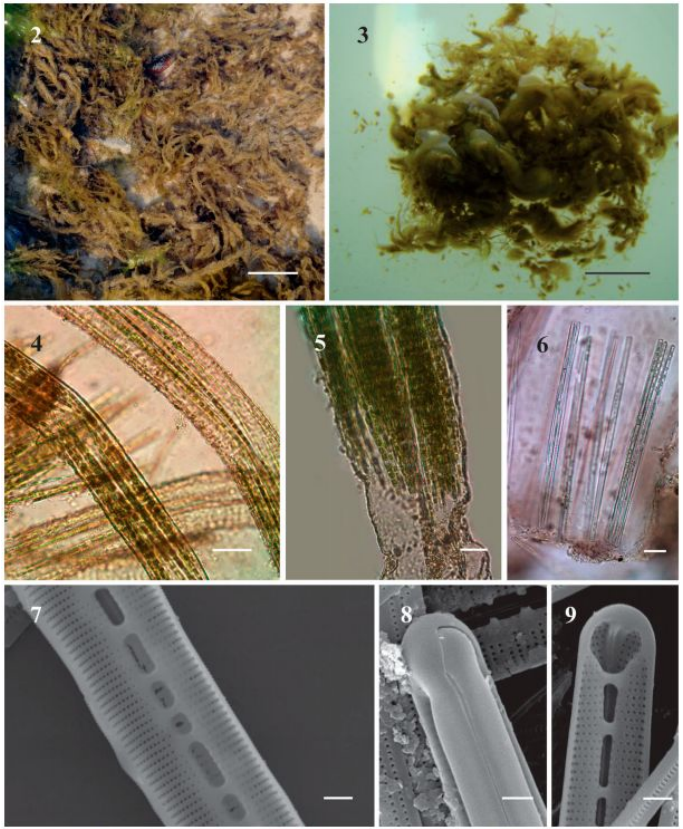






Nitzschia martiana (C.A. Agardh) Van Heurck (Bacillariophyceae): distribution modelling and new records along the Brazilian coast

HELEN MICHELLE DE JESUS AFFE [1*], DIOGO SOUZA BEZERRA ROCHA [2], TAIARA AGUIAR CAIRES [1], PRISCILA BARRETO DE JESUS [1], VALTER LOUREIRO DE ARAUJO [1], LUCIANO FELÍCIO FERNANDES [3] & JOSÉ MARCOS DE CASTRO NUNES [1]



Figs 2–9. Morphological features of *N. martiana*. **Figs 2–3**. General views of colonies. **Figs 4–5**. Details of mucilaginous tubes under light microscopy, **Fig. 6**. Cells under light microscopy showing numerous chloroplasts. **Figs 7–9**. Cells under SEM showing the central raphe. Scale bars = 2 cm (Fig. 2); 1 cm (Fig. 3); 50 μm (Fig. 4); 30 μm (Fig. 5); 20 μm (Fig. 6); 1 μm (Figs 7–9).

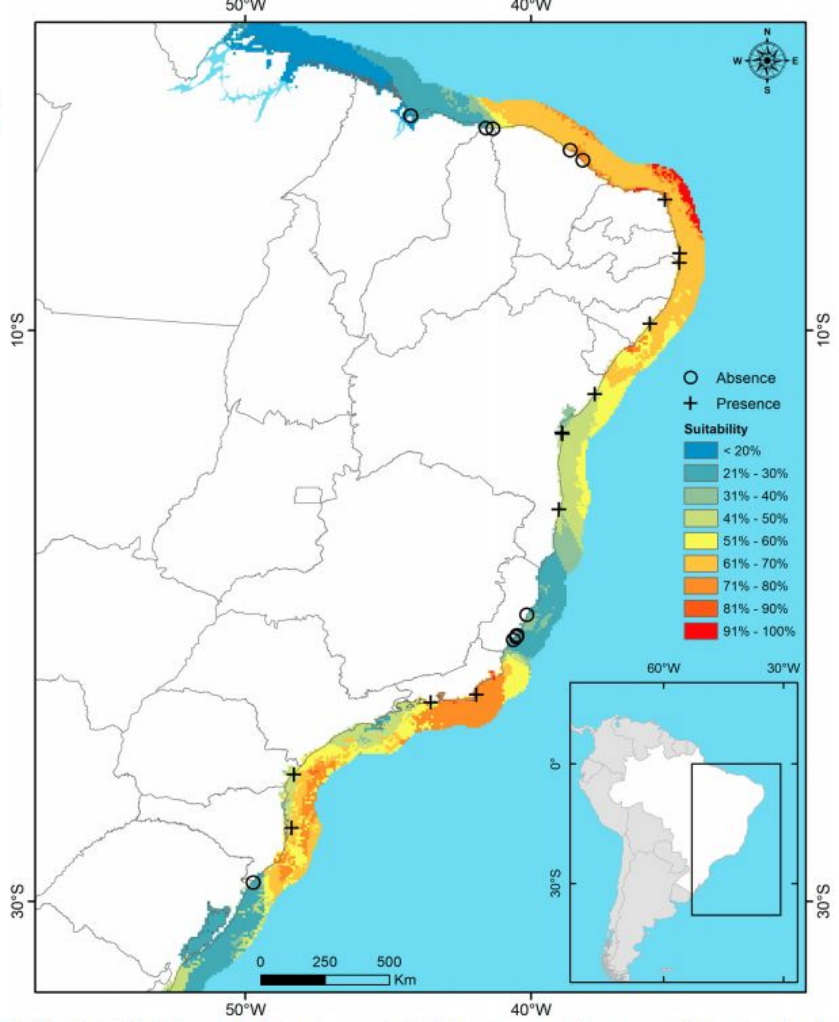
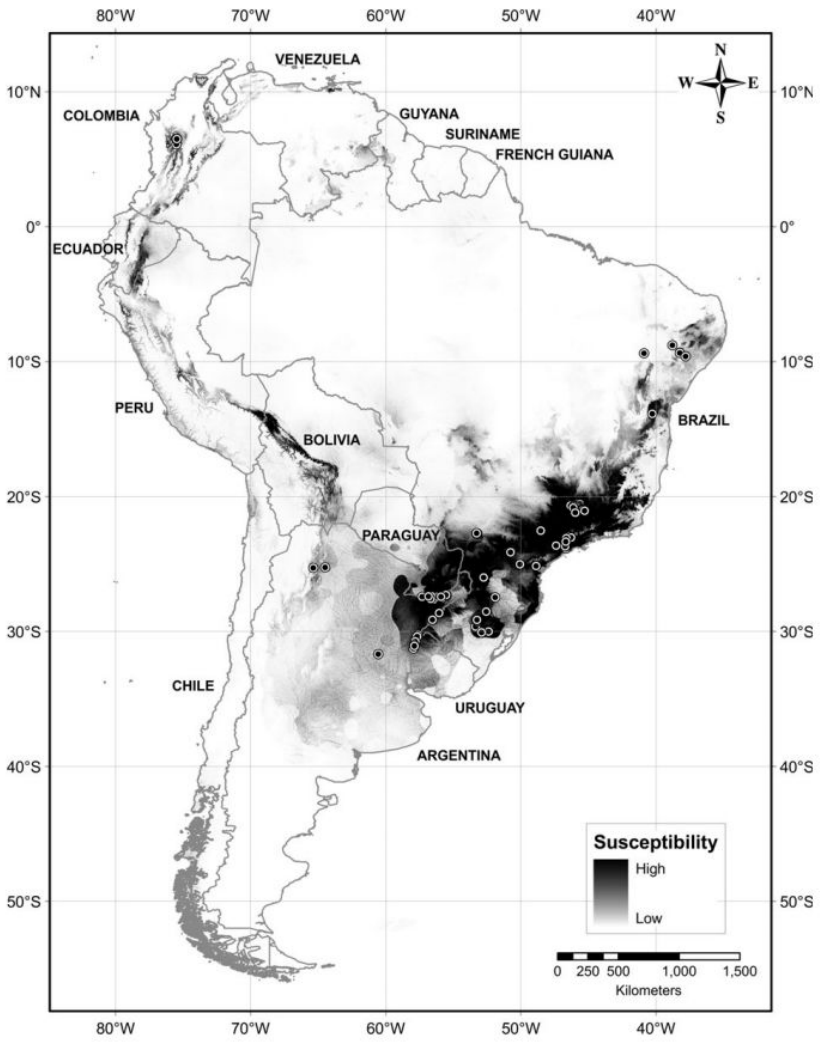


Fig. 10. Potential distribution model and observed geographical distribution (occurrence and absence areas) of *N. martiana* along the Brazilian coast.

J. Phycol. **52,** 200–208 (2016)

DOI: 10.1111/jpy.12382

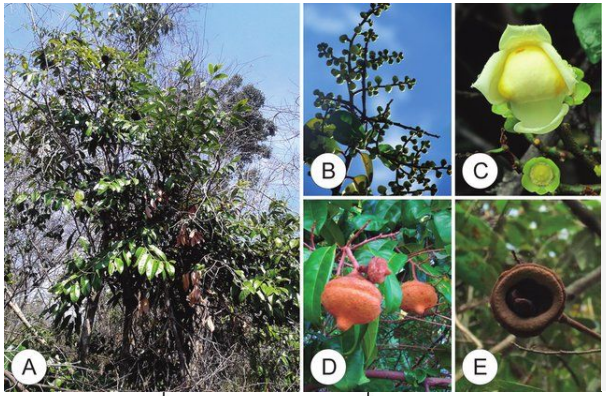
POTENTIAL DISTRIBUTION OF THE INVASIVE FRESHWATER DINOFLAGELLATE *CERATIUM FURCOIDES* (LEVANDER) LANGHANS (DINOPHYTA) IN SOUTH AMERICA[1]



Identification of priority areas for *Eschweilera tetrapetala* (Lecythidaceae) conservation in response to climate change

Isiara Silva Menezes[1,5], *Diogo Souza Bezerra Rocha*[2], *Roy Richard Funch*[3], *Ana Paula Lima do Couto-Santos*[4] & *Ligia Silveira Funch*[1,6,7]

Rodriguésia 72: e02272019. 2021



Menezes et al. 2017