Platform for software discovery: OpenAIRE CONNECT and community gateways

EOSC ask me anything webinar

Alessia Bardi (OpenAIRE Nexus)















The EOSC Future, C-SCALE, DICE, EGI-ACE, OpenAIRE-Nexus and Reliance projects are funded by the European Union Horizon Programme calls INFRAEOSC-03-2020 and INFRAEOSC-07-2020.



Join us on Slido

During this webinar we will be collecting questions and feedback via Slido. Join us there via a mobile device to post your own comments or upvote those of others.



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Or







Why a platform for research software discovery



Research software:

- As a first-class citizen in scholarly communication and in the research flow
- As a **product** of a research activity
- For transparency of research evaluation and reproducibility
- For **omni-comprehensive** reward













OpenAIRE-CONNECT: Research Community Dashboard



Request a thematic portal for your research community (aka "Community Gateway") to discover research software and links to publications, data, projects, etc.













Find the OpenAIRE gateway for your community

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Finding software in Marine Research

Advanced search in specific fields, also in combination (AND/OR)

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Sort by

Date (most recent)

AIBECS.jl: A tool for exploring global marine biogeochemical cycles

F1Method.jl: A julia package to autodifferentiate through a steady-state solver

COMSOL simulations of the dissolution of calcium carbonate sea shells in seawate

Authors: D Pasquier, Benoit: D Primeau, François W.; D John, Seth G.;

DOI: 10.5281/zenodo.2864051 🖸, 10.5281/zenodo.5787531 🖸

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996 RESEARCH OUTCOMES, PAGE 1 OF 100

OPEN ACCESS ENGLISH

Persistent Identifiers

Publisher: Zenodo

Software 2021

(@github-actions[bot])

Authors: Desquier, Benoit; Persistent Identifiers

Publisher: Zenodo

(@briochemc)

Software . 2021

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Software . 2021

Quick search

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ADD RULE

The following results are related to European Marine Science. Are you interested to view more results? Visit OpenAIRE - Explore

AIBECS v0.11.2 Diff since v0.11.1 Merged pull requests: CompatHelper: bump compat for Bijectors to 0.10, (keep existing compat) (#89)

DOI: 10.5281/zenodo.5768602 🖸, 10.5281/zenodo.2667835 🖆, 10.5281/zenodo.5765792 🖆, 10.5281/zenodo.5219767 🖆

F1Method v0.5.1 Diff since v0.5.0 Closed issues: Change from DiffEqBase to SciMLBase (#13) Merged pull requests: Fix #13 (#14)

Authors: D Sulpis, Olivier; Agrawal, Priyanka; D Wolthers, Mariette; Munhoven, Guy; D Walker, Matthew; D Middelburg, Jack J.;

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more focused and sustainable dashboards for research communities and initiatives. As outlined in the logo of this community, we intend to setup a community dashboard for EuroMarine (a consortium of 56 research and academic					emic	marine, ocean, fish, aqua, sea		Result Types	s (4) Clear
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Alice is a researcher, preparing for an expedition to get some ice core samples. She would like to know if there is already some software to plan the sampling or to analyse the data.

She goes to the EOSC Marketplace and finds the European Marine Science Gateway. She accesses the service and looks for software about "ice core"

	Advanced search in	Research outcomes		Quick search
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	Publications Research data Software Other research products Year range	Software . 2021 optimalcores: An R software project to analy OPEN ACCESS Authors: Munch, Thomas; Persistent identifiers	rse optimal ice core locations in a clim	ate model simulation
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Software . 2021

optimalcores: An R software project to analyse optimal ice core locations in a climate model simulation

Münch, Thomas;

OPEN ACCESS

Published: 06 Jul 2021

Publisher: Zenodo

SUMMARY RELATED RESEARCH 2

Abstract

optimalcores is an R software project to analyse the temperature and isotope time series in an isotope-enabled climate model simulation; specifically, the ECHAM5/MPI-OM-wiso past1000 climate model run can be analysed, but also any other suited model run. The software is especially intended to determine optimal spatial sampling configurations for Antarctic ice cores which maximize the correlation with a target site temperature time series.

Version 1.0.0 of the software is released along with the publication Münch, Werner and Laepple: How precipitation intermittency sets an optimal sampling distance for temperature reconstructions from Antarctic ice cores, Clim. Past, 17, 1587–1605, 2021.

Persistent Identifiers

DOI: 10.5281/zenodo.5075438 🖸, 10.5281/zenodo.5075439 🖸

Access the source code at the hosting source



LINK THIS SOFTWARE TO ...

CITE THIS SOFTWARE

ADD ANNOTATION



Other Communities European Marine Science

Funded by

EC| SPACE

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Providers: Data

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optimalcores: An R software project to analyse optimal ice core

2020 . Harvested . IsSupplementedBy

Software . 2021

Antarctic time series of temperature, precipitation, and stable isotopes in precipitation from the ECHAM5/MPI-OM-wiso past1000 climate model simulation

Links to other research products: article and dataset

Research in context

Article



Funding project















After the expedition

In the end, Alice could not re-use the software for her purposes, but she got inspired and developed something new.

She does want other to be able to find her software.

From the European Marine Science Gateway she finds out which are the Zenodo communities used by her research community, publish her code there, making it available in the gateway automatically















Thank you

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