



EG-ABITOOLS FOR SOUTHERN OCEAN SPATIAL ANALYSIS AND **MODELLING - COURSE**







2-6 September 2019















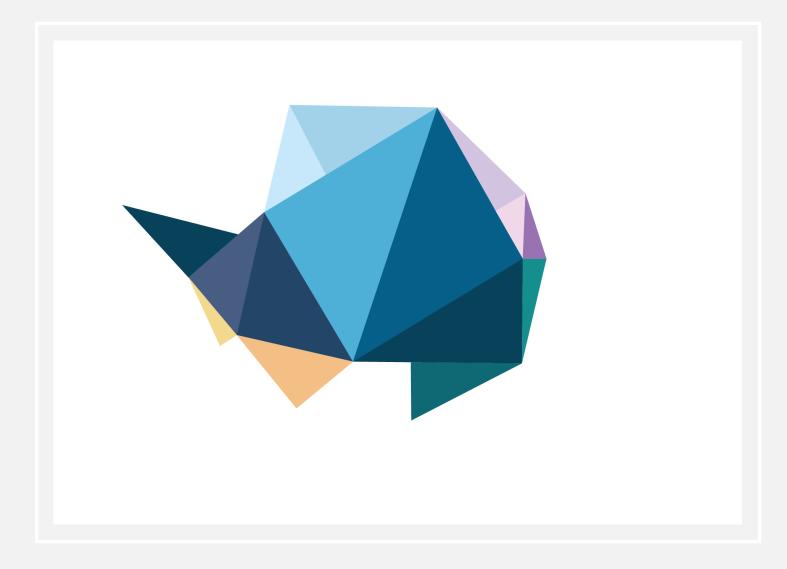
ARTICLE III-IC FROM THE ANTARCTIC TREATY (1959)

- I. In order to promote international cooperation in scientific investigation in Antarctica, as provided for in Article II of the present treaty, the Contracting Parties agree that, to the greatest extent feasible and practicable:
- (c) scientific observations and results from Antarctica shall be exchanged and made freely available.

SCAR

- Initiating
- Developing
- Coordinating
- high quality international scientific research
- Antarctic
- Southern Ocean



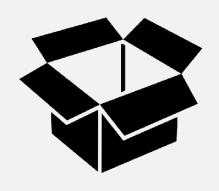


EG-ABI

- Biodiversity informatics
 - Management
 - Presentation
 - Discovery
 - Exploration
 - Analysis
- Various products and projects

ROPENSCI

technical & social infrastructure







Software

Peer review

Community

ROPENSCI BY THE NUMBERS

5 staff

8 software peer review editors

2 Bioconductor pkgs

192 CRAN pkgs

287 total pkgs

~ 500 code contributors

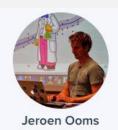
> 500 citations

LOTS! of community members

I awesome open system for peer review of software











ROPENSCI.ORG/PA CKAGES/

FILTERS All Altmetrics Data Publication Tools Visualization Databases Geospatial Web Images Processing Literature Computing Infrastructure Security Taxonomy CRAN / BIOC available Active repos							
_ salm ⊗							
	NAME	MAINTAINER	DESCRIPTION	DETAIL	LS		
Ro	monkeylearn	Maëlle Salmon	Accesses the Monkeylearn API for Text Classifiers and Extractors	CRAN	2		
Ro	opencage	Maëlle Salmon	Interface to the OpenCage API	CRAN	2		
Ro	riem	Maëlle Salmon	Accesses Weather Data from the Iowa Environment Mesonet	CRAN	2		
Ro	ropenaq	Maëlle Salmon	Accesses Air Quality Data from the Open Data Platform OpenAQ	CRAN	2		
Ro	rtimicropem	Maëlle Salmon	Supports the Analysis of RTI MicroPEM Output Files	CRAN	2		

4 OF 6 NEW MAINTAINERS ARE WOMEN!

- RSelenium: now maintained by Ju Kim
- chromer: now maintained by Paula Andrea
- qualtRics: now maintained by Julia Silge
- rsnps: now maintained by Julia Gustavsen and Sina Rüeger
- rdpla: now maintained by Alyssa Columbus
- webchem: now maintained by Erik Sapper



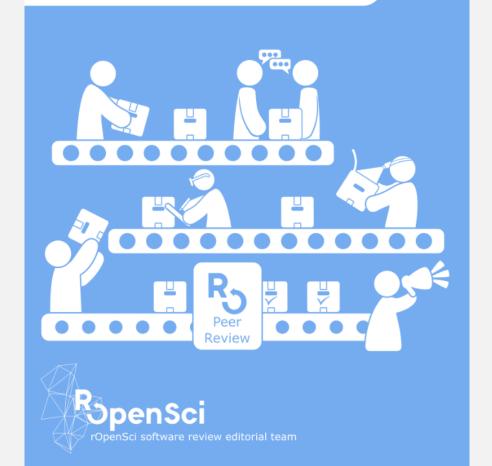


academic peer review of research publications?

devguide.ropensci.org



Development, Maintenance, and Peer Review





Allen · Brooke Anderson · Alison Appling · Zebulun Arendsee · Taylor Arnold · Dean Attali · Mara Averick · Ses Balamuta · Joël Review of Okieu Saraba · John Baumgartner · Marcus Beck · Gabe Becker · Ja eth Benoit · Aaron Berdanier · Carl·Boettiger · Ben Bond-Lamberty · Alison Boyer · Jenny Bryan · Lorenzo **FODENSCI.OFS/ONDOARGINS**Cimentada · Jon Clayden · Will Cornwell Stiko Czeller · Laura De Sco · Christophe Dervieux · Amanda Duursma · Mark Edmondson · Paul Egeler · Manuel Fernandez · Rich FitzJohn · Robert Flight · Zachary Fournier · Carl Ganz · Duncan Garmonsway · Sharla Gelfand · David Gohel · Laura Graham · Charles Gray Julia Gustavsen · W Kyle Hamilton · Ivan Hanigan · Jeff Hanson · Ted Hart : Nujcharee Haswell · Verena F As a user, you are qualified as a potential el Pilliard Hellwig · Bea Hernandez y Im Hester Treter Hickey · Roel M. Hogervorst · Jeff Hollister · Sean F package reviewer if you have some Andee Kaplan · Hazel Kavili · Os Key Jahn · TD James · appreciation for what makes your favourited. Julia Stewart Lowndon Lesse Maegan. Tristan Mahr. Ben Marwick. Miles McBain. Lucy D'Agostino McCackages useful. Packages useful. z · Anna Krystalli · Andrew MacDor //ulvahill · Dillon Niederhut · Jakub Nowosad · Paul Oldham · Jeroen Ooms Miles McBain Pebesma · Nistara Randhawa · Neal Richardson · tyler rinker · Emily Robinson · Bob Rudis · Kent Russel · juez Sanchez · Alicia Schep · Julia Silge · Peter Slaughter · Mike Smith · Tuija Sonkkila · Gaurav Sood · Ad h Stachelek · Irene Steves · Michael Sumner · Sarah Supp · Andy Teucher · Jennifer Thompson · Joe Thor rs · Tim Trice · Ted Underwood · Kevin Ushey · Josef Uyeda · Frans van Dunné · Remi Vergnon · Claudia \ Elin Waring · Leah Wasser · Stefan Widgren · Luke Winslow · David Winter · Kara Woo · Lauren Yamane ·

Our community is our best asset

We are building a welcoming and diverse global community of software users and developers from a range of research domains. We aim to build capacity of novices, experts, and the "nexperts" in between. We welcome participation and civil conversations that adhere to our code of conduct. There are many ways to get involved.

Follow us on Twitter. **Read** our blog to learn about our software packages, best practices, events and the people who make up our community, or read our Contributing Guide to learn how you can contribute to rOpenSci as a user or developer. **Subscribe** to rOpenSci News to get semi-monthly updates on our activities sent to your inbox.

Ask and answer #rstats questions on our discussion forum, on Stackoverflow, or Twitter. **Attend** our Community Calls to hear about best practices, Q & As with well known developers, and to learn more about rOpenSci developments. These are free and open for anyone to attend and provide an opportunity to connect with rOpenSci community members around the world.

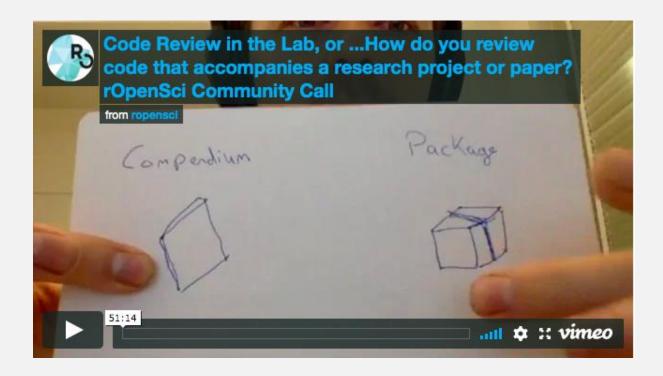
Use our software. **Improve** package documentation or code. **Review** a package. **Submit** your package for open software peer review. **Apply** to participate in our annual unconference.



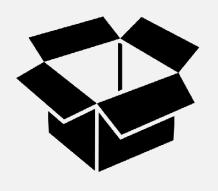
ROPENSCI.ORG/COMM UNITY/

CODE REVIEW IN THE LAB?

Community Call video, discussion, summary



HTTPS://ROPENSCI.ORG/







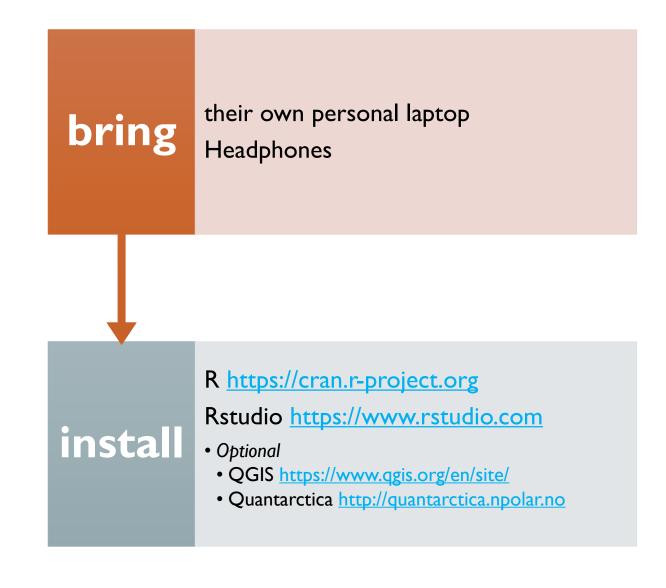
/community

/packages /software-review

9:00		Start
10:00	10:15	Coffee Break
11:15	11:30	Break
12:30	13:00	Lunch
14:00	14:15	Coffee Break
15:15	15:30	Break
17:30		End

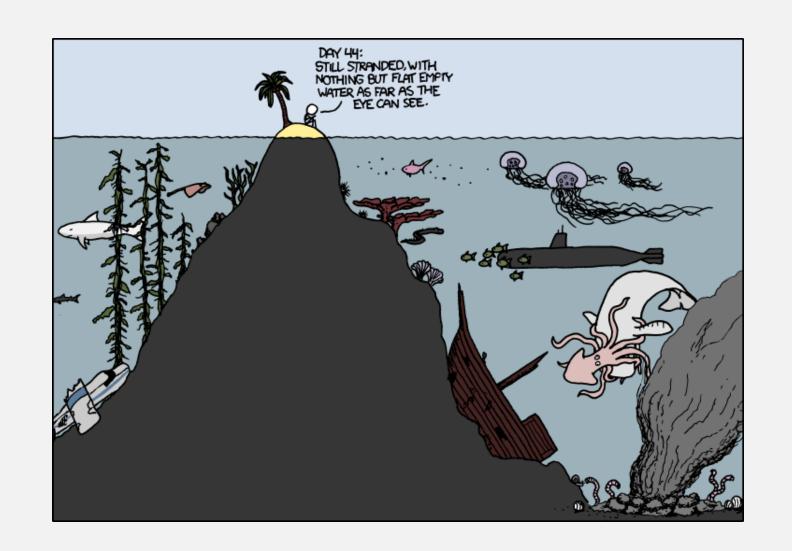
GENERAL SCHEDULE

THINGS YOU SHOULD HAVE



WIFI

- Eduroam
- Login that is attached



LET'S INTRODUCE OURSELVES