

Jérémy Ragusa

PhD in
sedimentary geology and provenance analysis

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PROFESSIONAL EXPERIENCES

- 2018-2019 **Lecturer for Regional Geology (course and fieldtrip)**, *University of Geneva*, Switzerland.
2017 - present **Scientific Advisor**, *Chablais Geopark*, France.

EDUCATION

- 2015 - 2016 **PostDoc**, *University of Geneva*, Switzerland.
Writing papers. Preparing application for the Swiss National Science Foundation. Supervisor : Pascal Kindler.
- 2009 - 2015 **PhD Thesis in sedimentary geology**, *University of Geneva*, Switzerland.
Petrography, stratigraphy and provenance analysis of the Voirons Flysch (Gurnigel nappe) in the Chablais Prealps (France). Supervisor : Pascal Kindler.
- 2006 - 2009 **Master Thesis in sedimentary geology**, *University of Geneva*, Switzerland.
Study of heavy mineral population in the Voirons Flysch and the Samoëns Sandstones. Supervisor : Pascal Kindler.
- 2004 - 2005 **Master Thesis in paleoprimateology, paleontology and paleoenvironments**, *University of Poitiers*, France.
Mineralogical study of the last pelitic sequence of Kollé 2 (Tchad): Paleoenvironmental implications
- 2001 - 2004 **Bachelor in geology**, *University of Dijon*, France.

PEER-REVIEWED PUBLICATIONS

- in review **Ragusa J, Kindler P**, *Relation between grain size and modal composition in deep-sea gravity-flow deposits: diagenetic and provenance implications. Example from the Voirons Flysch (Gurnigel nappe, Chablais Prealps, France). Sedimentary Geology.*
- accepted **Ragusa J, Ospina-Ostios LM, Spezzaferrì S, Kindler P**, *Revision of the planktonic foraminiferal biostratigraphy of the Voirons Flysch (Chablais Prealps, Haute-Savoie, France). Swiss Journal of Geosciences.*
- 2017 **Mulder T et al., 2017**, *Carbonate slope morphology revealing a giant submarine canyon (Little Bahama Bank, Bahamas). Geology*, 46:31–34, doi: 10.1130/G39527.1.
- Ragusa J, Kindler P, Segvic B, Ospina-Ostios LM, 2017**, *Provenance analysis of the Voirons Flysch (Gurnigel nappe, Haute-Savoie, France): Stratigraphic and paleogeographic implications. International Journal of Earth Sciences*, 106:2619–2651, doi: 10.1007/s00531-017-1474-9.
- 2013 **Ospina-Ostios LM, Ragusa J, Wernli R, Kindler P, 2013**, *Planktonic foraminifera biostratigraphy as a tool in constraining the timing of flysch deposition: Gurnigel flysch, Voirons massif (Haute-Savoie, France). Sedimentology*, 60:225–238, doi: 10.1111/sed.12013.

UNPUBLISHED PAPERS IN PREPARATION

Ragusa J, Kindler P, *Detrital evolution along the active margin of the Alpine Tethys using bulk-rock geochemistry. International Journal of Earth Sciences.*

Ragusa J, Ospina-Ostios LM, Sartori M, Kindler P, *Stratigraphic review of the Voirons Flysch (Voirons-Wägital complex, Haute-Savoie, France). Swiss Journal of Geosciences.*

AWARDS & GRANTS

- 2009 **Bourse Lombard**, *Master thesis Award (1000 CHF)*, Société de Physique et d'Histoire naturelle de Genève.

ORGANISATION

- 2014 **Kindler P, Ragusa J, Slootman A. Pre-Meeting IAS-Student Field Trip: The Mt. Salève**, *19th International Sedimentology Congress (ISC), Geneva.*
- 2014 **Kindler P. From passive margin to foreland basin: stratigraphy and sedimentology of the Bornes-Aravis massif (Haute-Savoie, France) from the Triassic to the Oligocene**, *19th International Sedimentology Congress (ISC), Geneva.*

SHORT COURSES

- 2014 **4th Sedimentary Provenance Analysis**, *University of Göttingen, Germany.*
- 2013 **1st School of Heavy Mineral Analysis**, *University of Milano-Bicocca, Italy.*

FIELD COURSES

- sep 2017 **Remnants of the ancient Tethys margins preserved in the Tasna, Platta, Err, Bernina and Ortler nappes in the Alps**, *Switzerland*, Swiss Geological Society, leader: Gianreto Manatschal (University of Strasbourg).
- dec 2016 **Carambar 2 (Deep-sea core drilling project)**, *Bahamas*, Ifremer, leader: Thierry Mulder (University of Bordeaux).
- sept 2015 **Workshop on Alpine Caronate Platforms**, *France*, Doctoral school of Western Switzerland (CUSO), leader: Pascal Kindler (University of Geneva).
- march 2013 **Facies and structure of the Permian to Jurassic oceanic assemblage with a Panthalassic affinity of the Mino terrane, terrane central Japan**, *Japan*, Doctoral school of Western Switzerland (CUSO), leader: Rossana Martini (University of Geneva).
- march 2012 **Tectonics and sedimentation along an active plate boundary**, *New Zealand*, Doctoral school of Western Switzerland (CUSO), leader: Guy Simpson (University of Geneva).
- jan 2011 **Modern and fossil carbonate environments**, *Bahamas*, Doctoral school of Western Switzerland (CUSO), leader: Pascal Kindler (University of Geneva).

ANALYTICAL METHODS

Clastical petrographical methods, *sieving, staining feldspars, heavy mineral extraction (SPT), counting.*

Statistics, *Cluster analysis, Principal component analysis, Pearson coefficient, Aitchison's log-ratio transformation.*

SKILLS

Computer

OS Linux (Fedora), Windows

Software R, Inkscape, QGIS (basic)

Office L^AT_EX, LibreOffice, MS Office

Web HTML/CSS (basic), Git

Languages

English good

French native

Russian basics

INTERESTS

Leisures photo, hiking, running
Contributor OpenStreetMap, Wikipedia