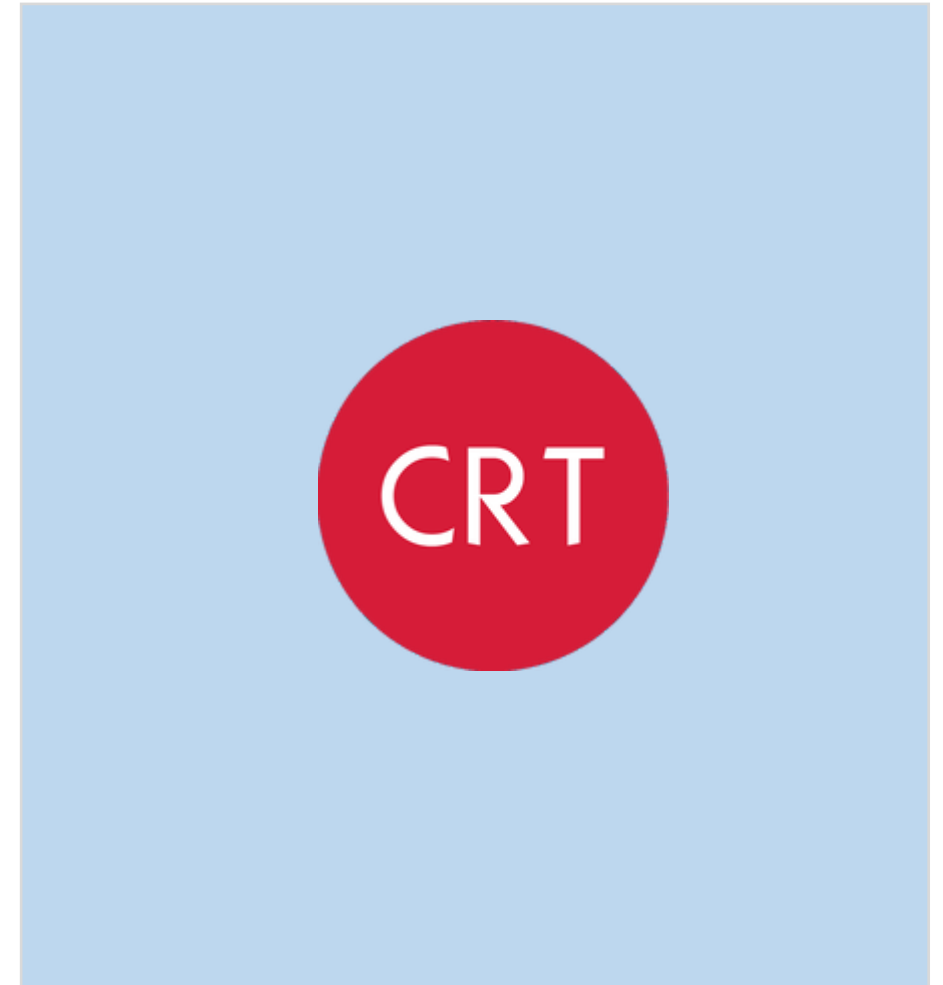


CRediT (Contributor Roles Taxonomy)

Coffee Lecture, 19 Jan. 2023

Andreas Hübner 





Contributor Roles Taxonomy

Conceptualization

Data curation

Formal Analysis

Funding acquisition

Investigation

Methodology

Project

administration

Resources

Software

Supervision

Validation

Visualization

Writing – original
draft

Writing – review &
editing

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Transparency

**Credit
beyond
authorship**



Authorship

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International Journal of Earth Sciences

GR Geologische Rundschau

Original Paper | [Open Access](#) | [Published: 13 August 2022](#)

Lithogenesis of a phosphatized tephra marker horizon in the Eocene Messel maar lake

[Moritz Liesegang](#)  & [Michael Wuttke](#)

Contributions

All authors contributed to the study conception and design. Material preparation was performed by Michael Wuttke and Moritz Liesegang. Data collection and analysis were performed by Moritz Liesegang. The first draft of the manuscript was written together by both authors that also commented on previous versions of the manuscript. All authors read and approved the final manuscript.

Slab-derived devolatilization fluids oxidized by subducted metasedimentary rocks

[Jay J. Ague](#) , [Santiago Tassara](#), [Megan E. Holycross](#), [Ji-Lei Li](#), [Elizabeth Cottrell](#), [Esther M. Schwarzenbach](#), [Charalampos Fassoulas](#) & [Timm John](#)

Contributions









J.J.A. designed the study, coordinated the fieldwork and collected samples, performed the electron probe microanalysis, prepared the petrographic thin sections and did the pseudosection and time-integrated fluid flux calculations. S.T., M.E.H., E.C. and J.-L.L. provided perspectives and conceptual advice and guidance on model development and the oxygen fugacity of arc lavas in relation to subducted oceanic lithosphere. J.J.A., J.-L.L. and M.E.H. performed oxygen fugacity calculations and uncertainty analysis. J.-L.L., **E.M.S.**, **T.J.**, S.T. and J.J.A. constrained the sulfur mass balance, and C.F. provided guidance in the field, including the location of key outcrops. **All authors** contributed extensively to the interpretation of the data, discussions and preparation of the manuscript.

January 11, 2022

Dataset

Open Access

Mineral composition data for oxidized metasedimentary rocks of the Aegean region

 Ague, Jay J.;  Tassara, Santiago;  Holycross, Megan E.;  Li, Jilei;  Cottrell, Elizabeth;  Schwarzenbach, Esther M.;  Fassoulas, Charalampos;  John, Timm

Mineral compositions determined using electron-probe microanalysis (EPMA) for oxidized metasedimentary rocks from the islands of Andros, Crete, Naxos, and Tinos, Aegean region, Greece. The analyses were done using the JEOL JXA-8530F ...

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Contributors (Persons and/or Institutions)

Lastname	Firstname	Role
Hübner	Andreas	please choose

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- + Data Curator
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- + Distributor
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- + Hosting Institution
- + Producer
- + Project Leader
- + Project Manager
- + Project Member

- + Registration Authority
- + Related Person
- + Researcher
- + Research Group
- + Rights Holder
- + Sponsor
- + Supervisor
- + Workpackage Leader
- + Other

Descriptions



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Conceptualization

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Writing – original
draft

Writing – review &
editing



Credit Where Credit Is Due

Promoting open, inclusive, transparent, and traceable science requires that scientists revamp the ways in which we acknowledge all manner of contributions to research.

Conceptualization: Robert R. Downs, Ruth Duerr, Nancy Hoebelheinrich, Daniel S. Katz, Madison Langseth, Mark A. Parsons, Hampapuram Ramapriyan, Sarah Ramdeen, Lesley Wyborn, ESIP Research Artifact Citation Cluster

Data curation: not applicable (n/a)

Formal analysis: n/a

Funding acquisition: n/a

Investigation: Robert R. Downs, Ruth Duerr, Nancy Hoebelheinrich, Daniel S. Katz, Madison Langseth, Mark A. Parsons, Hampapuram Ramapriyan, Sarah Ramdeen, Lesley Wyborn, ESIP Research Artifact Citation Cluster

Methodology: ESIP Research Artifact Citation Cluster

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Resources: ESIP

Software: n/a

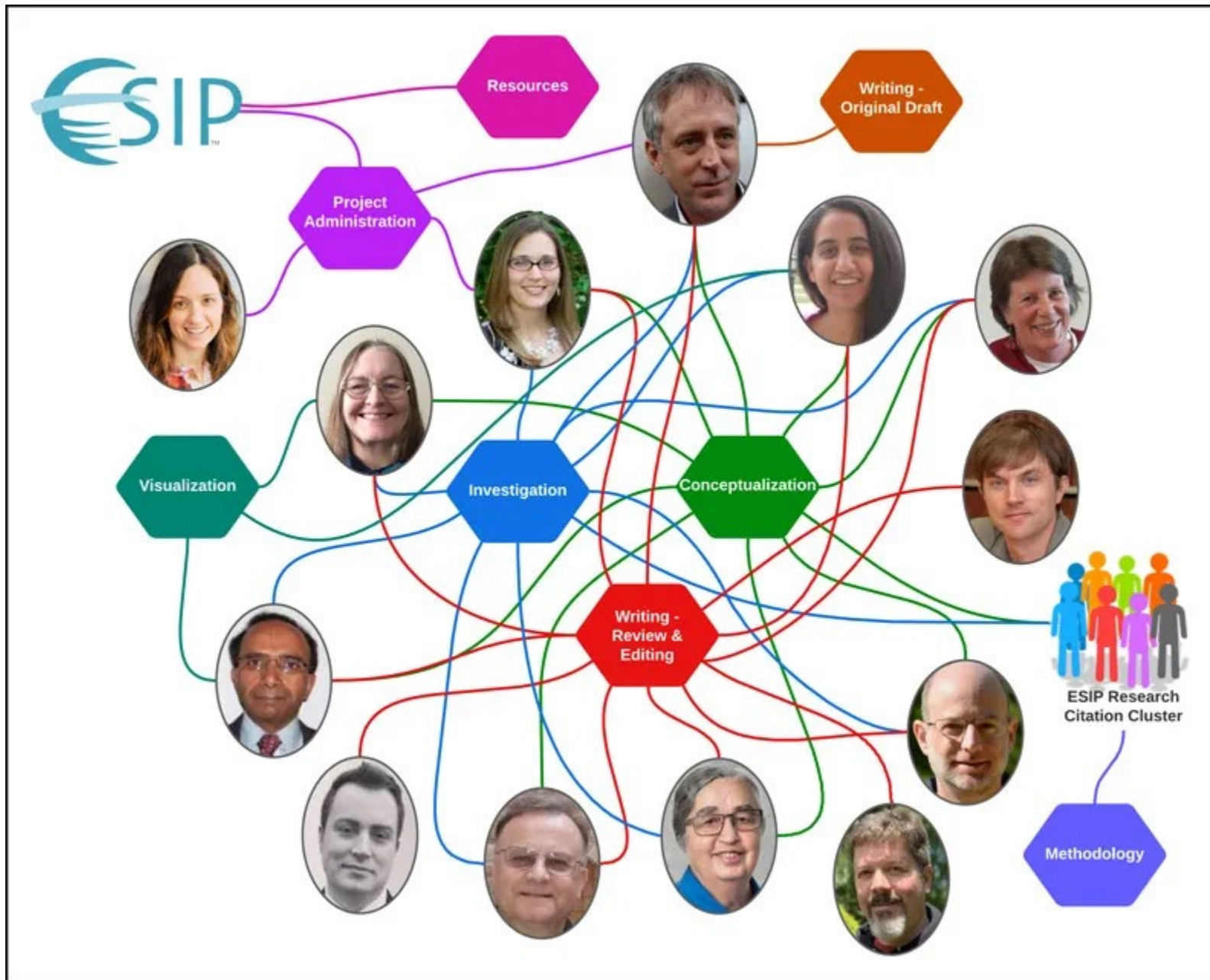
Supervision: n/a

Validation: n/a

Visualization: Ruth Duerr, Hampapuram Ramapriyan, Sarah Ramdeen

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Writing – review & editing: Ruth Duerr, Rob Casey, Robert R. Downs, Chris Erdmann, Nancy Hoebelheinrich, Daniel S. Katz, Madison Langseth, Matthew Mayernik, Mark A. Parsons, Hampapuram Ramapriyan, Sarah Ramdeen, Lesley Wyborn



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Fig. 1. Defining contributor roles and attributing credit for various aspects of a project reveal a complex network of interacting participation. Here we see participants and their roles in the project leading to this article. Credit: Ruth Duerr