



# PARSEC : Building New Tools for Data Sharing and Reuse through a Transnational Investigation of the Socioeconomic Impacts of Protected Areas



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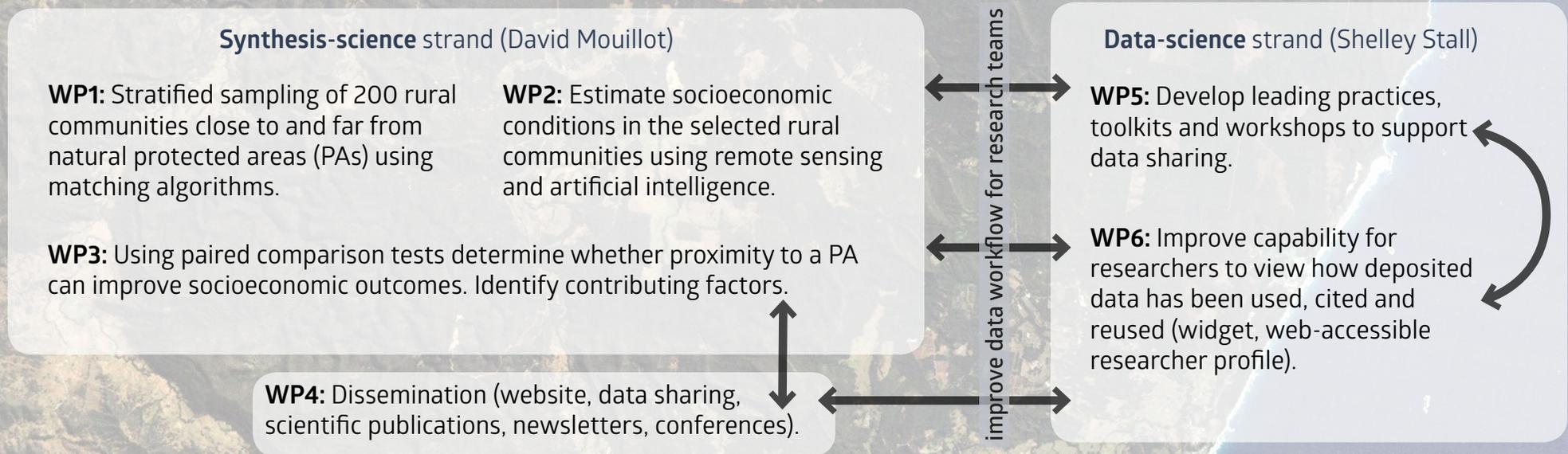
<http://parsecproject.org>

## Objectives

- (a) Predict the socioeconomic outcomes of natural protected areas (PAs) on rural communities using a novel combination of satellite imagery and artificial intelligence;
- (b) Determine the influence of PAs on consumption expenditure and asset health of rural communities;

- (c) Improve future environmental decision-making;
- (d) Improve digital connections between researchers, their funding, publications and data;
- (e) Improve recommendations for the research data workflow and skills for research teams;

- (f) Increase the number of citations to data sets and better attribute them to the data creator;
- (g) Promote credit for open and FAIR data management and preservation for data reuse;
- (h) Provide tools for researchers to view how the data they have deposited is used and cited.



FUNDING: 1258K€

Duration: 48 months

### Participating countries

**BRAZIL:** University of São Paulo - FAPESP (P. Pizzigatti Corrêa) plus postdoc and technical support (FAPESP)

**FRANCE:** Foundation for Research on Biodiversity, University of Toulouse III - ANR (N. Mouquet)

**JAPAN:** National Institute of Information & Communications Technology, Research Institute for Humanity and Nature - JST (Y. Murayama)

**USA:** American Geophysical Union - NSF (S. Stall)

### Cooperating partners

NCI, Australia (L. Wyborn), BGS, UK (H. Glaves)

### Associated organisations

DataCite, ORCID, ESIP, RDA, EDI, WDS, AST, JWP, TNC

