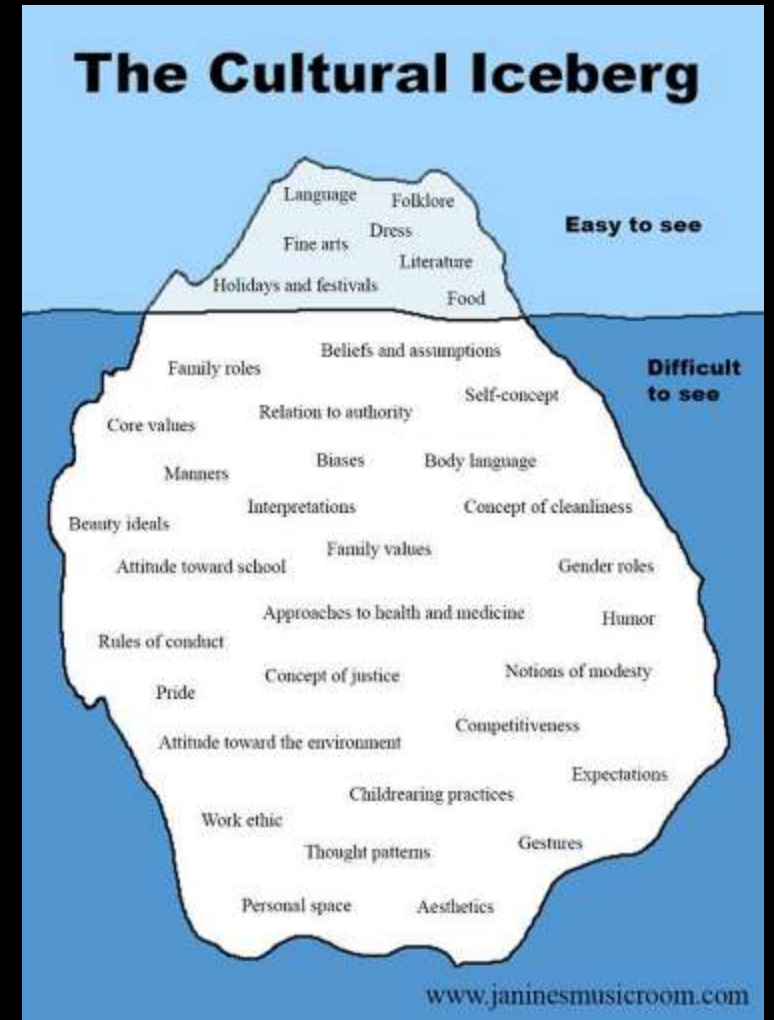
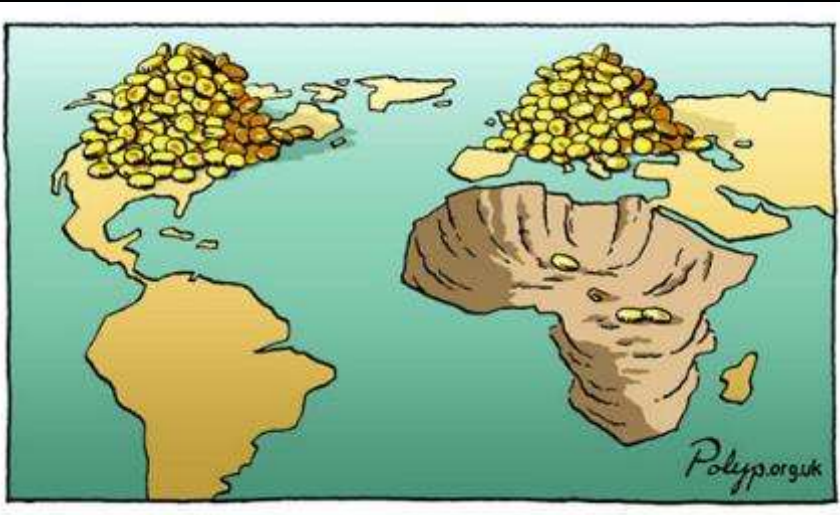
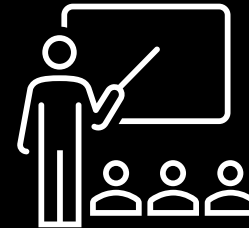
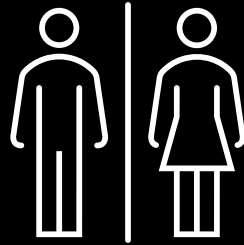




Are inequalities the real challenge in future development research?: perspectives from the global south

Dolors Armenteras Universidad Nacional de Colombia

Inequality is designed, not accidental





Patterns

Rates

Causes/drivers

Impacts

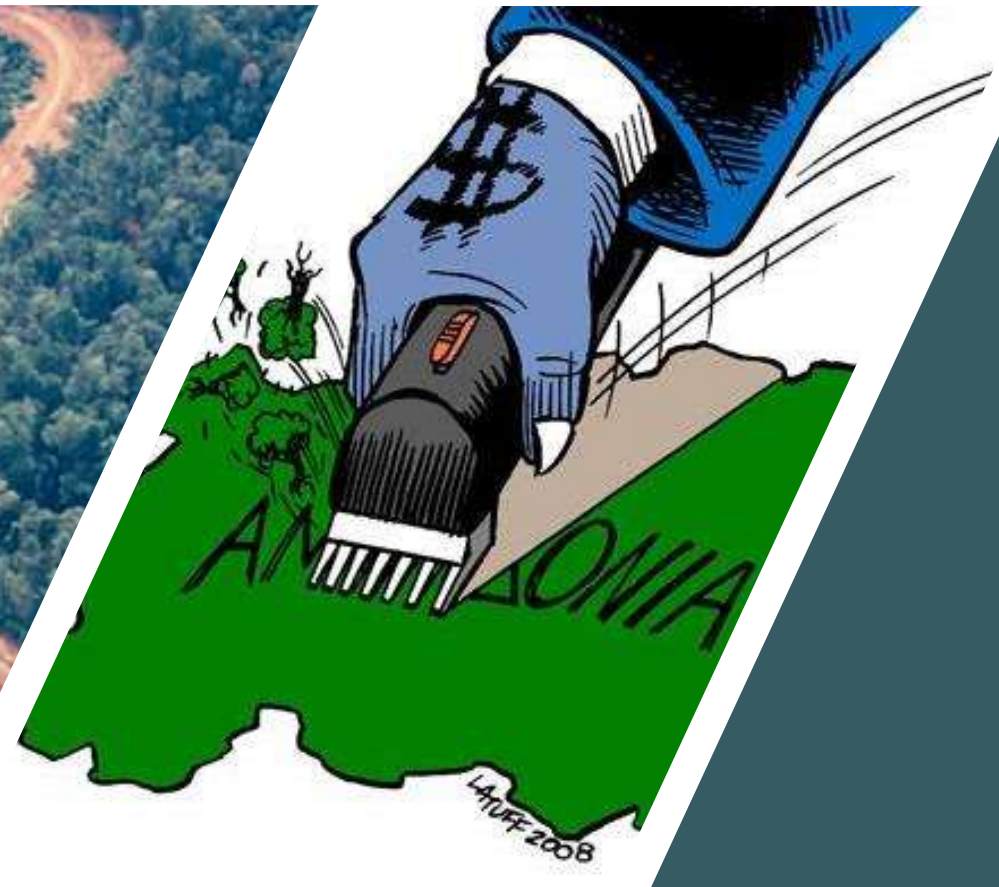
Monitoring

Management

DSS, Policy...



FIRE IN THE TROPICS:
Ecological disturbance
vs.
Ecological catastrophe
vs.
Land tool management ?



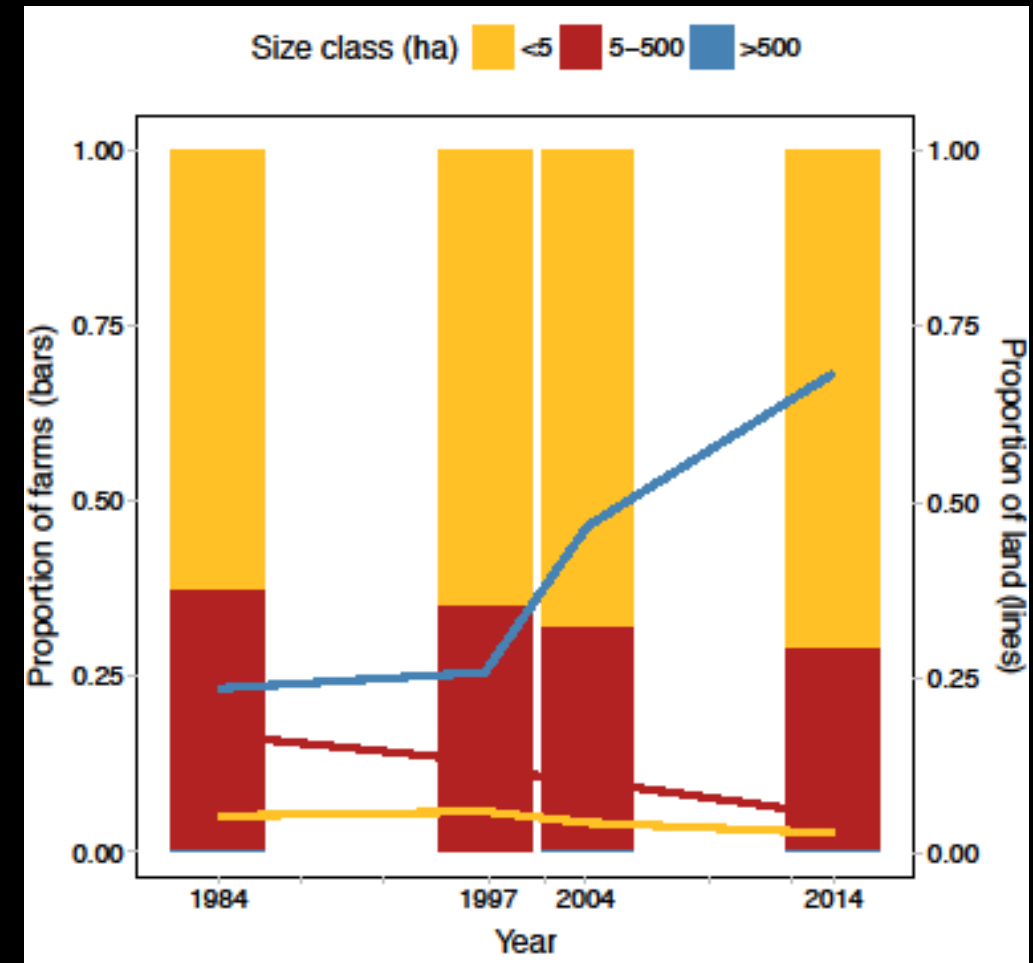
Deforestation and fire
in the Amazonia (NW)

“When the land is needed, and people are not”.

Dr Tania Li, GLP OSM 2019



Davalos et al 2016 Biogosciences



Armenteras et al 2019. *Nature Ecology & Evolution*

SCIENTIFIC
AMERICAN

POLICY & ETHICS | OPINION

The Problem of ‘Colonial Science’

Conservation projects in the developing world should invest in local scientific talent and infrastructure

By Asha de Vos on July 1, 2020

unfavorable power imbalance

visibility ‘problem’
of science from
the global south

- Scientific method not neutral.
- Perceived from a privileged position.

where are you based... matters

- Credibility
- Place of origin / subjectivity
- Competition is the base of inequality..
- Locals?

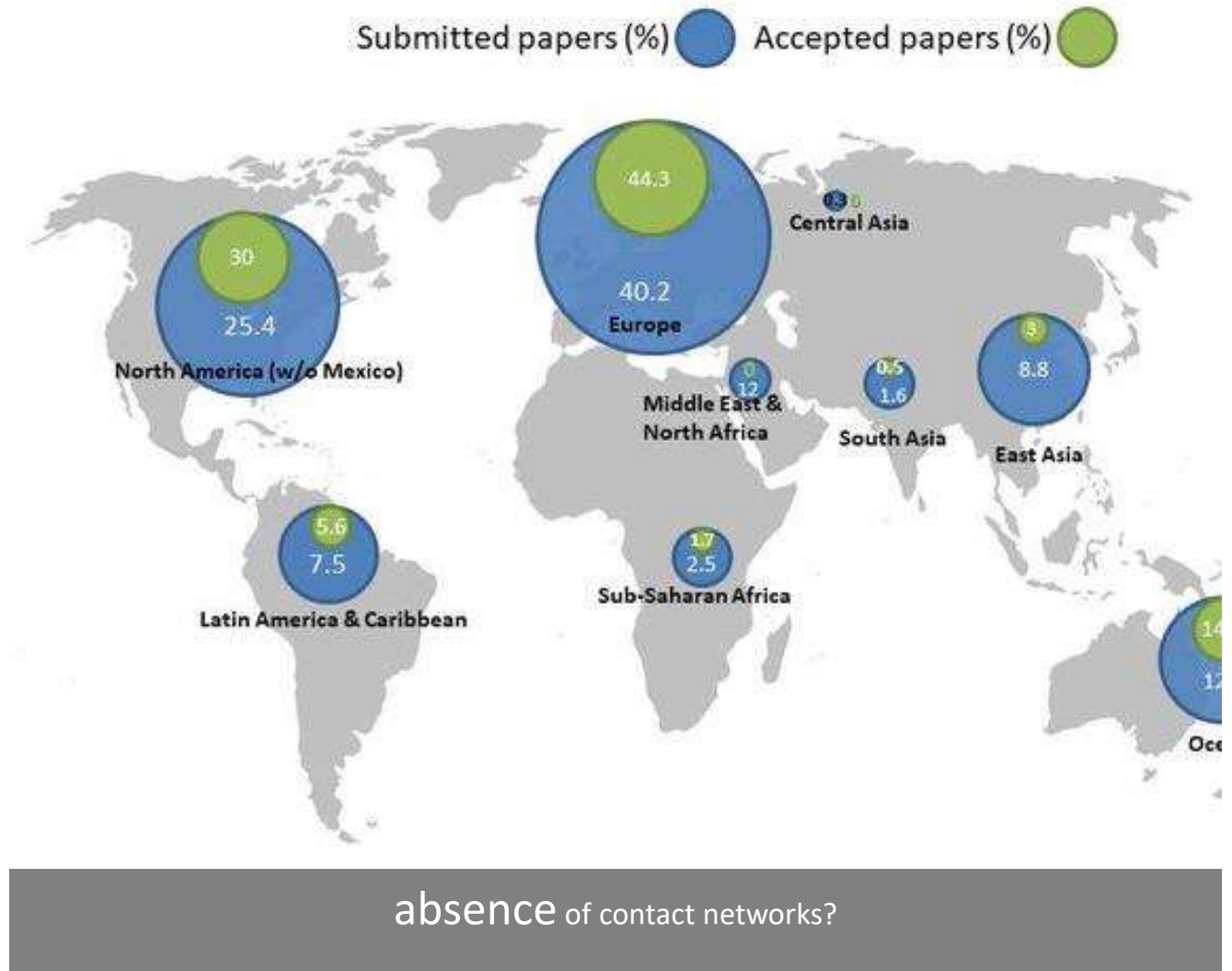
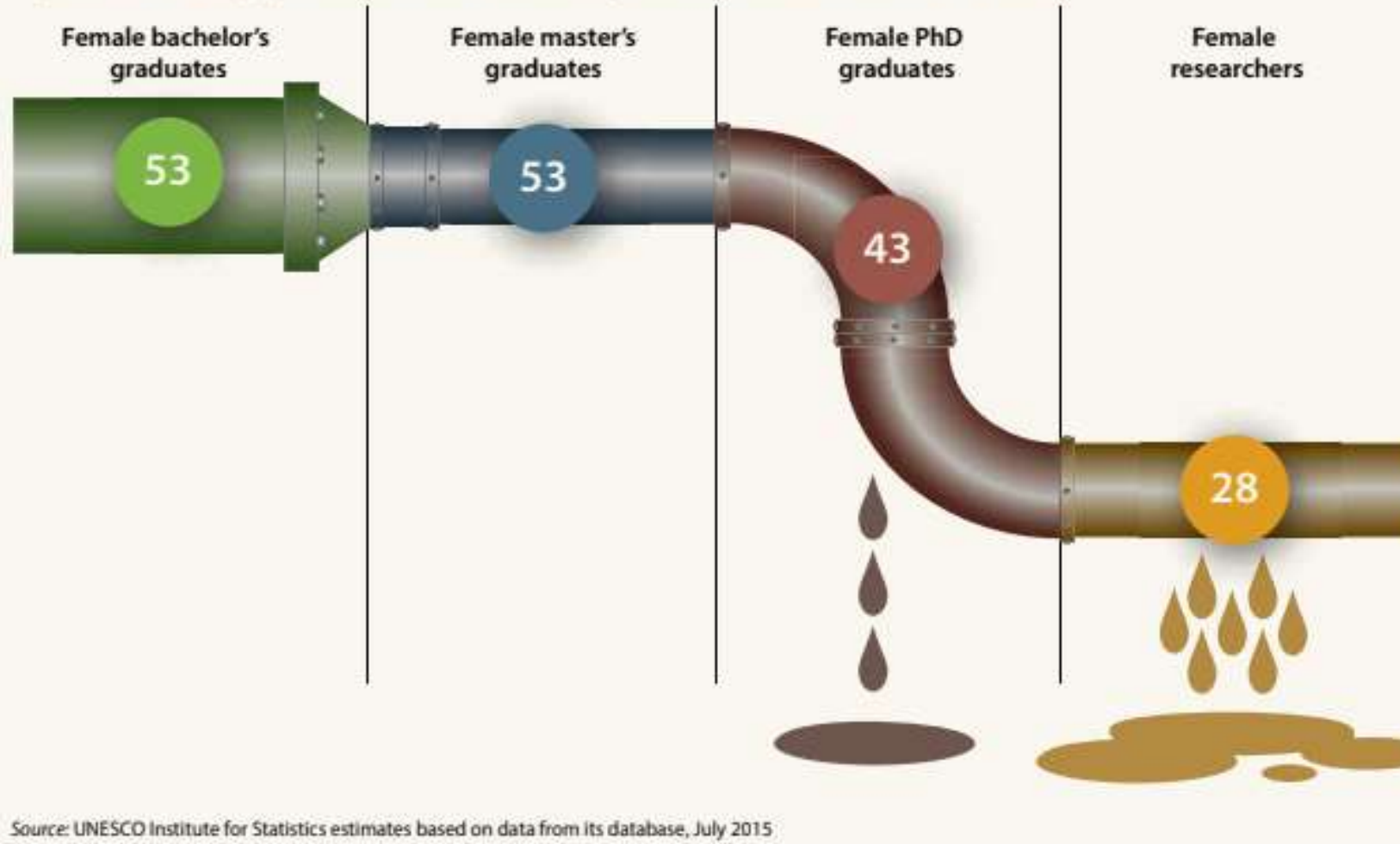


Figure 3.1: The leaky pipeline: share of women in higher education and research, 2013 (%)



visibility
'problem' with
women and
science .

Science has traditionally
been
centered ...



In theory has
no limit,
no gender,
no body..

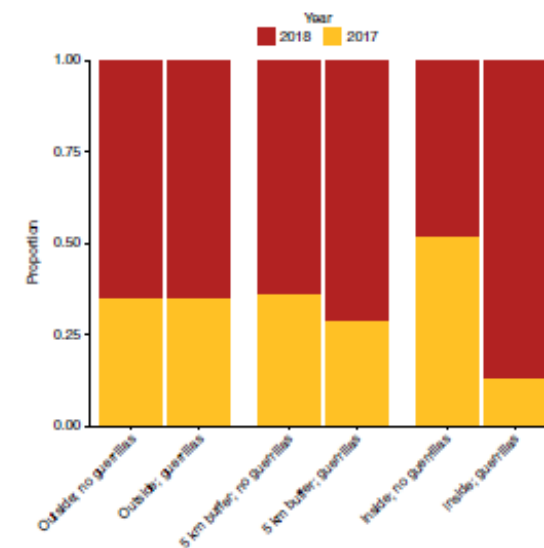
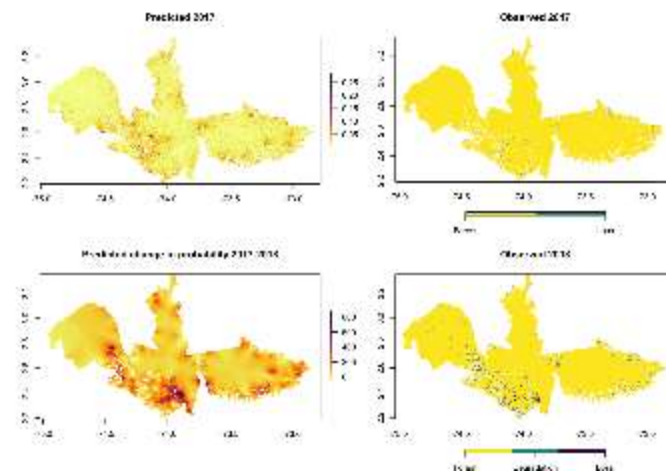
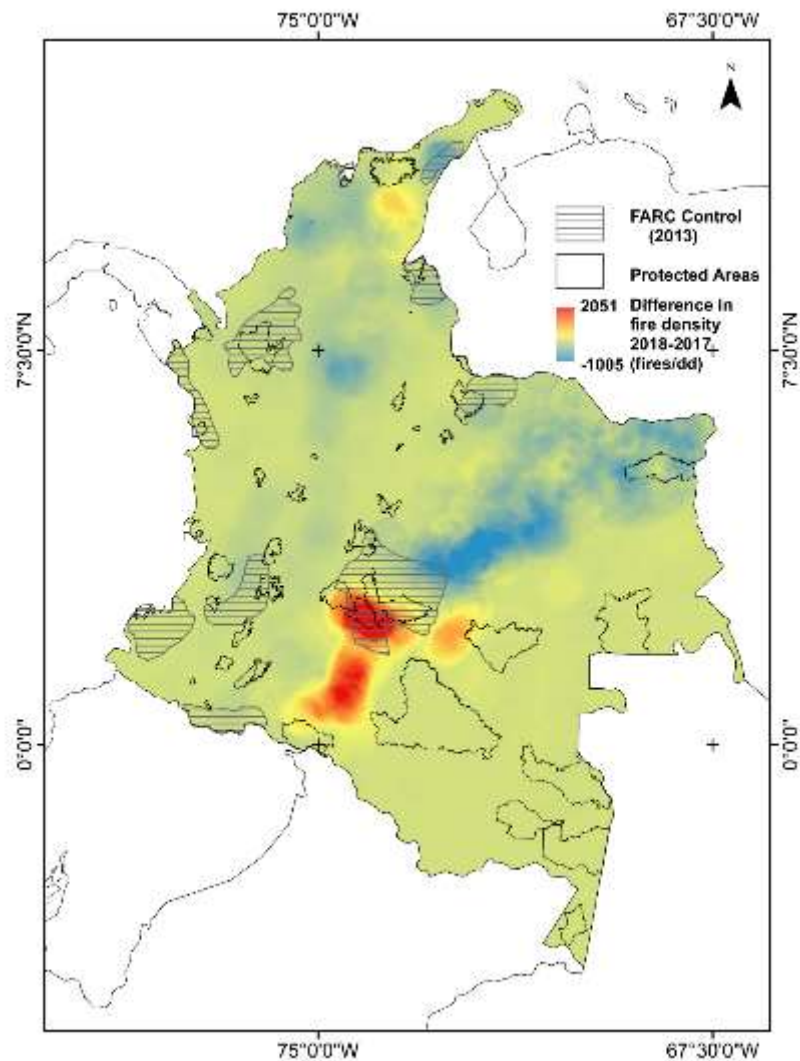


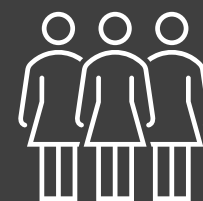
Fig. 1 | Fire occurrence in Colombia. Fires were detected over January and February of each year by the Moderate Resolution Imaging Spectroradiometer (see Methods).

nature
ecology & evolution

BRIEF COMMUNICATION

<https://doi.org/10.1038/s41559-018-0727-8>

Fires in protected areas reveal unforeseen costs of Colombian peace



ALL SCALES



Colombia: new plan imperils Amazon

Dolors Armenteras  & Thomas Defler

Integrating remotely sensed fires for predicting deforestation for REDD+



Article in Ecological Applications 27(4):1294-1304 · February 2017

DOI: 10.1002/eap.1522



Editorial

Recognizing Women Leaders in Fire Science

Alistair M. S. Smith ^{1,*} , Crystal A. Kolden ¹ , Susan J. Prichard ², Robert W. Gray ³, Paul F. Hessburg ⁴ and Jennifer K. Balch ⁵

Science and the Community Participation Bill Initiative 221 (2019) Integrated fire management



- Based on research
- Workshops
- Training
- Multisector and multistakeholder
- Norms
- National and international revision







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HISTORY OF SCIENCE



Tackling the image problem

Ellen Cantelero looks at the lack of representation of women in scientific portrait collections, and considers five commissions from 2013 that aimed to increase their visibility on the walls of Carlton House Terrace.

21 July 2020 4 min read

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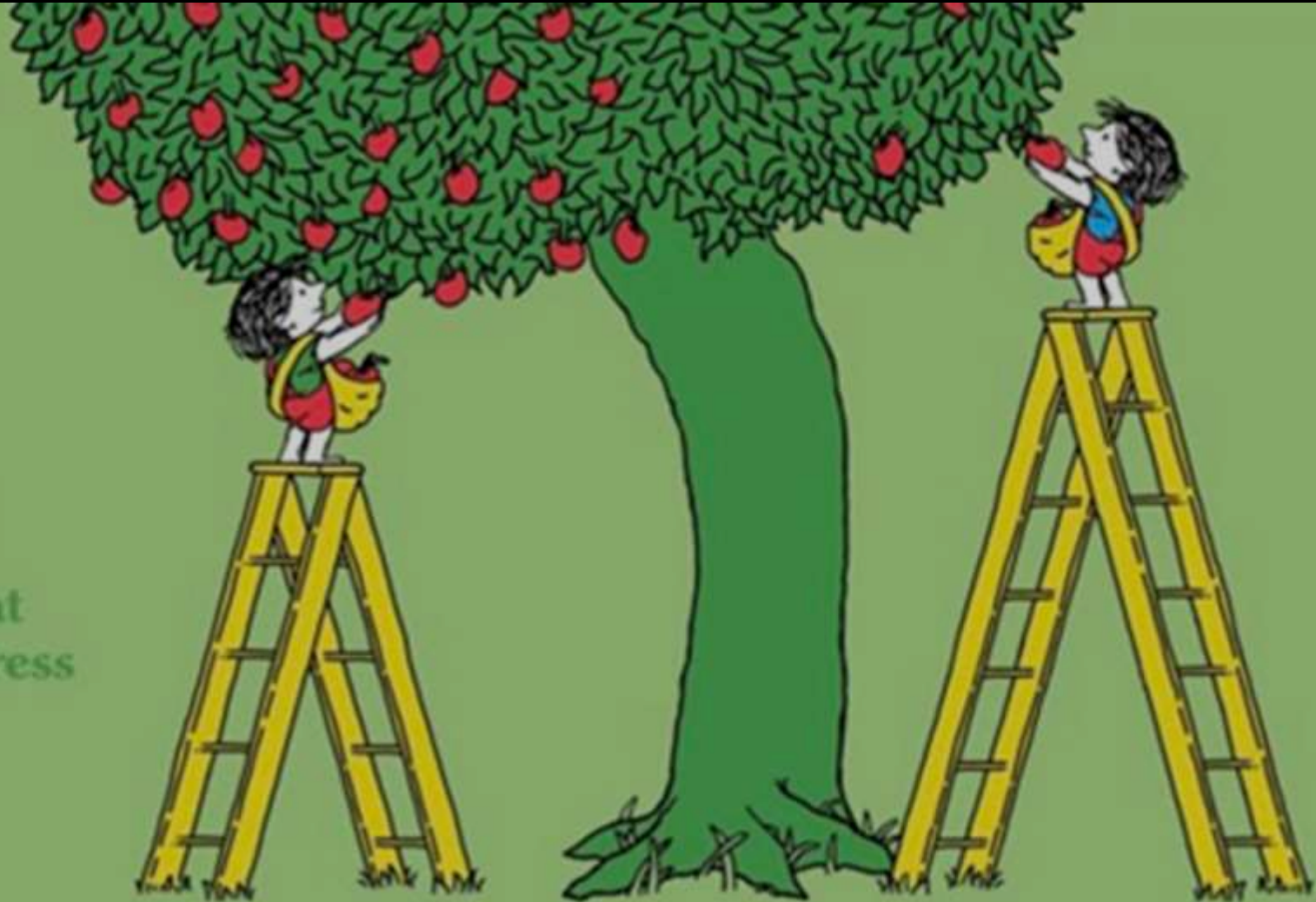
CORRESPONDENCE · 19 AUGUST 2020

Author declaration: have you considered equity, diversity and inclusion?

[Daniela Christina Rüßler](#)  [Stefan Lötters](#) & [Luís Fernando Marín Da Fonte](#)

Equity

Custom tools that
identify and address
inequality



With apologies to Shel Silverstein from *Blunderbush*

2019 Design In Tech Report / Addressing Imbalance

Solutions

Break the paradigm of knowledge deficit and capacity development needs

Recognize exclusion. Break power asymmetries by acknowledging structures in place.

Decentralization of networks.

Equitable decision making control over funding and governance arrangements

Learn from human diversity. Different perspectives, backgrounds, and skills

Rethinking participation vs representation . Local relevant solutions

Trust in local solutions

Justice

Fixing the system to
offer equal access to
both tools and
opportunities



Reform systems, structurally

“life is really simple, but
we insist on making it
complicated”



Thank you



@darmenteras

@Ecolmod



ecolmod_unal



Ecolmod