

New participatory spaces: The role of location in resistance

Doug Specht

University of Westminster

UNIVERSITY OF
COMMUNICATION
AND MEDIA
RESEARCH
WESTMINSTER 



WARNING

This presentation contains some graphic content
that some viewers may find disturbing

A large-scale photograph of the Deepwater Horizon oil rig engulfed in a massive fire. A thick, dark plume of smoke rises from the burning structure, dominating the upper half of the frame. Several support vessels are positioned around the burning rig, directing high-pressure water jets onto the base of the flames. The scene is set in the open ocean under a clear sky.

Deepwater Horizon (BP)

20 April 2010



Savar building collapse

24 April 2013



The Bhopal Disaster

2–3 December 1984



Rwandan Genocide

100-day period from April 7, 1994



Abu Ghraib

2003



Ferguson, Missouri

August 2014



Abduction of 43 Students

Autumn 2014



Lago Agrio oil field

1960's onwards



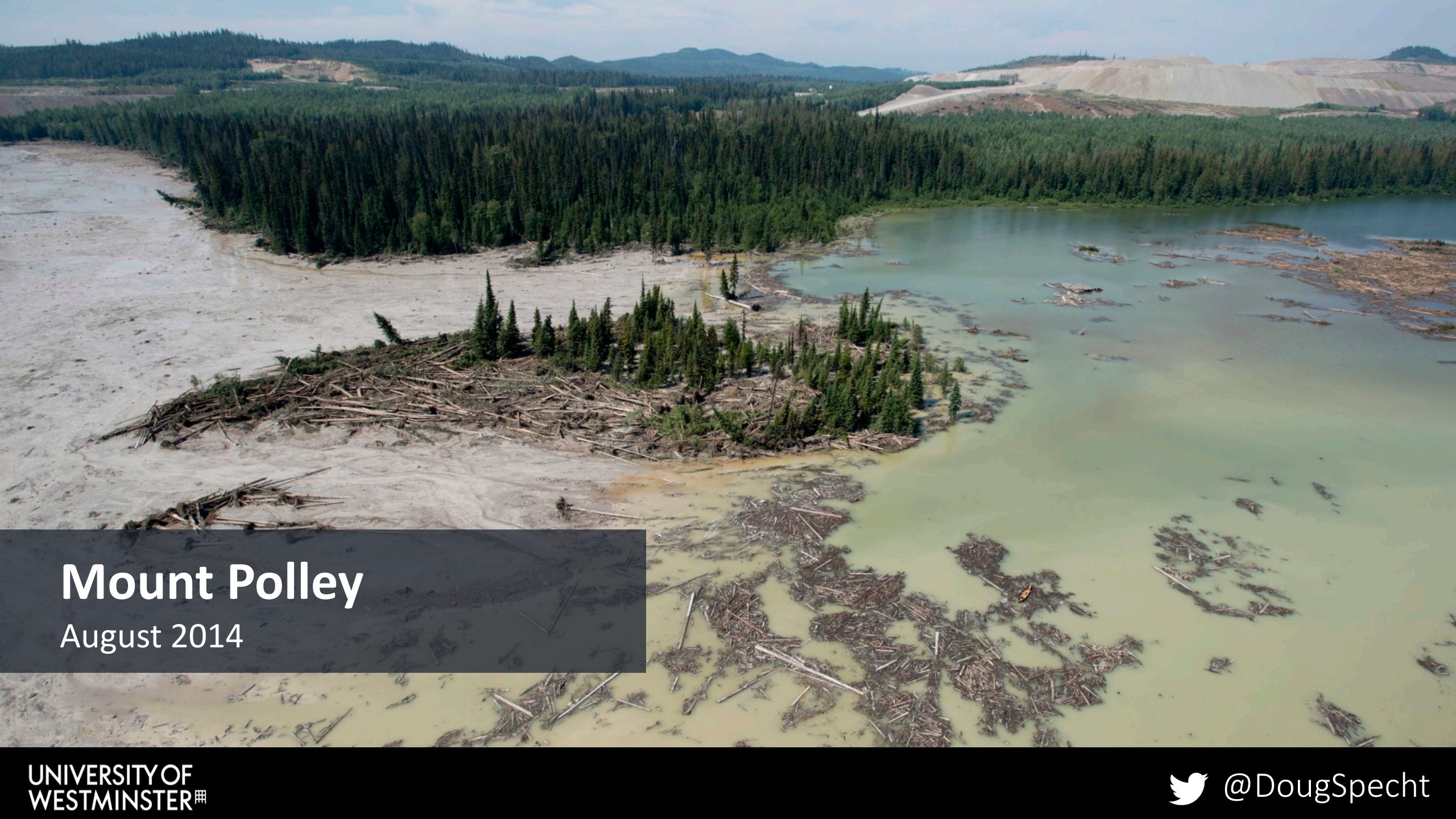
Honduran Coup

2009 (On going)



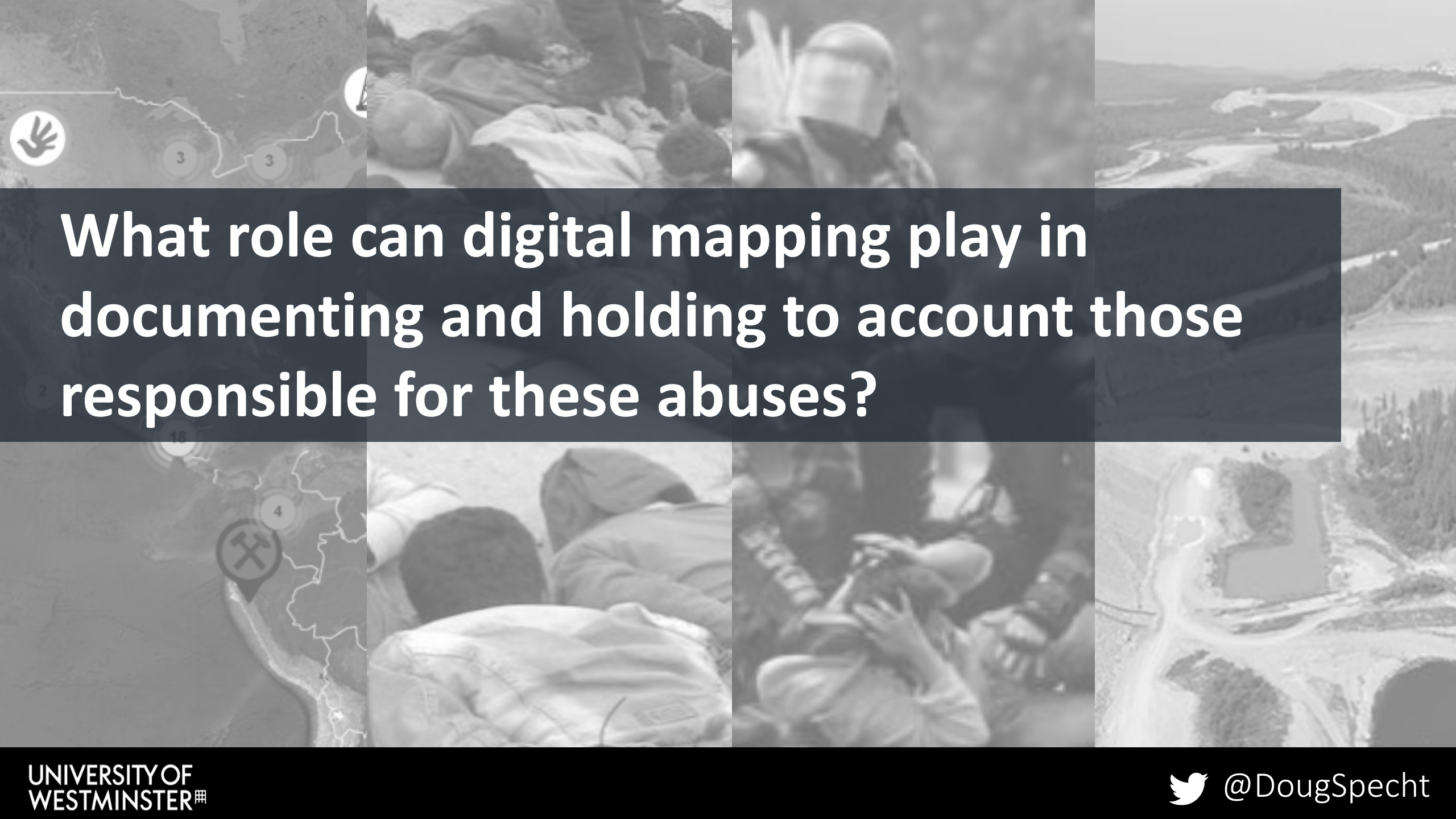
Cajamarca Colombia

On going since mid 2000's



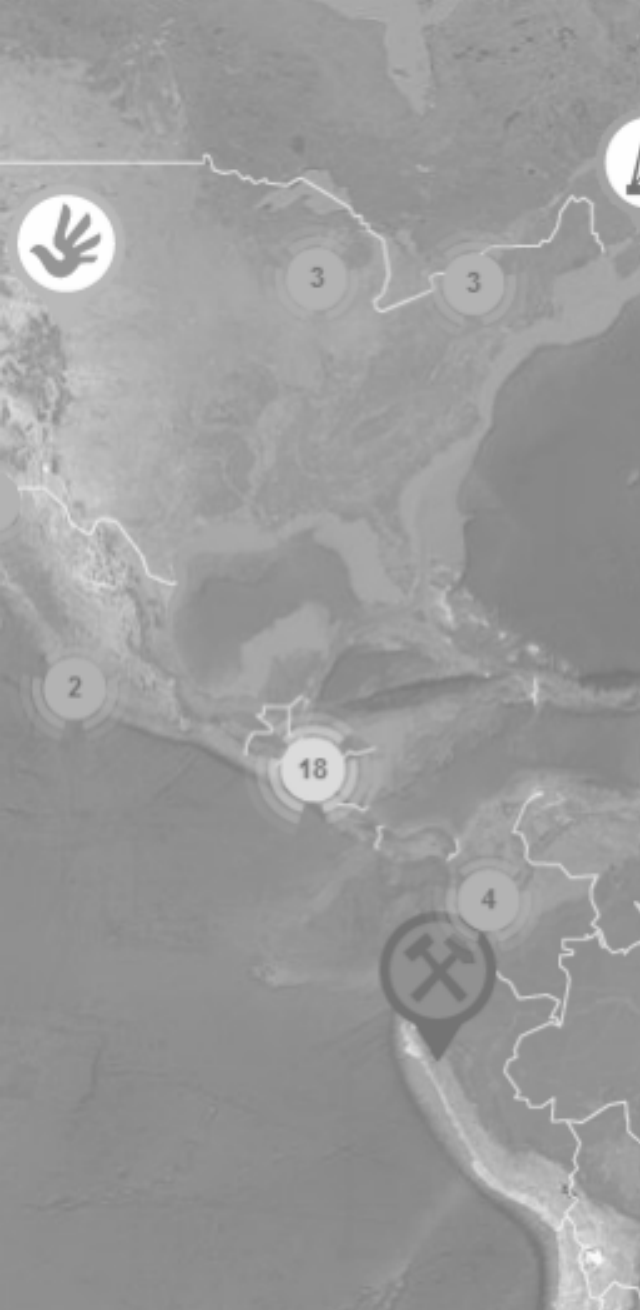
Mount Polley

August 2014

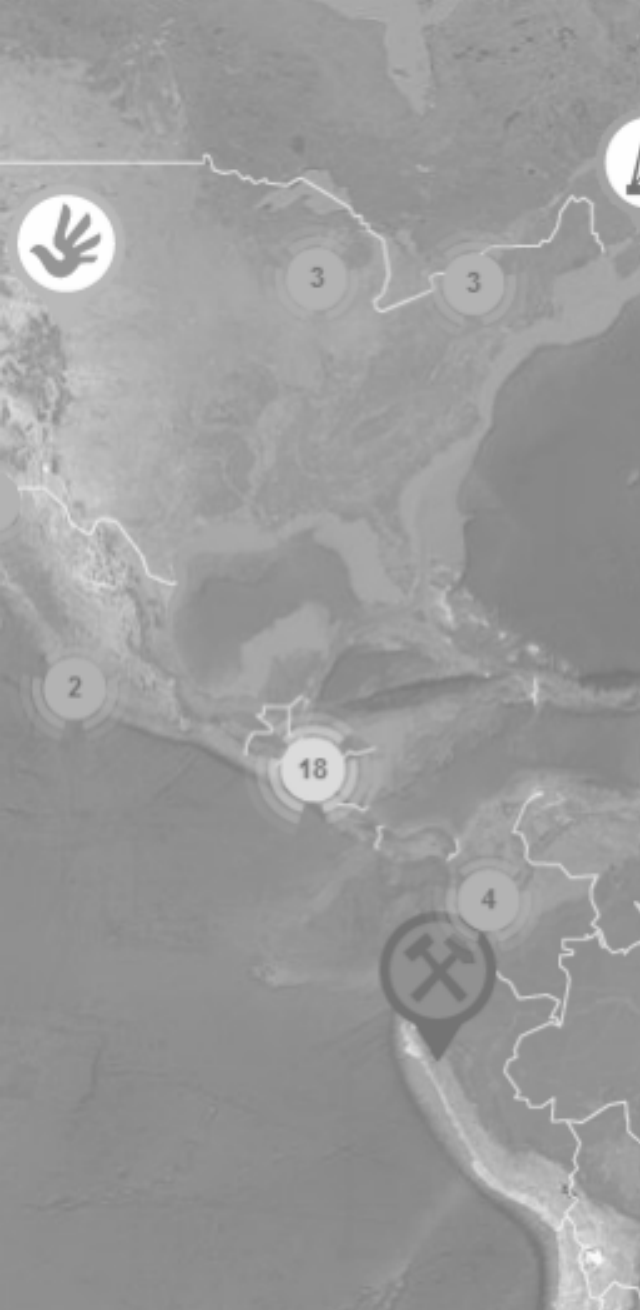


What role can digital mapping play in documenting and holding to account those responsible for these abuses?



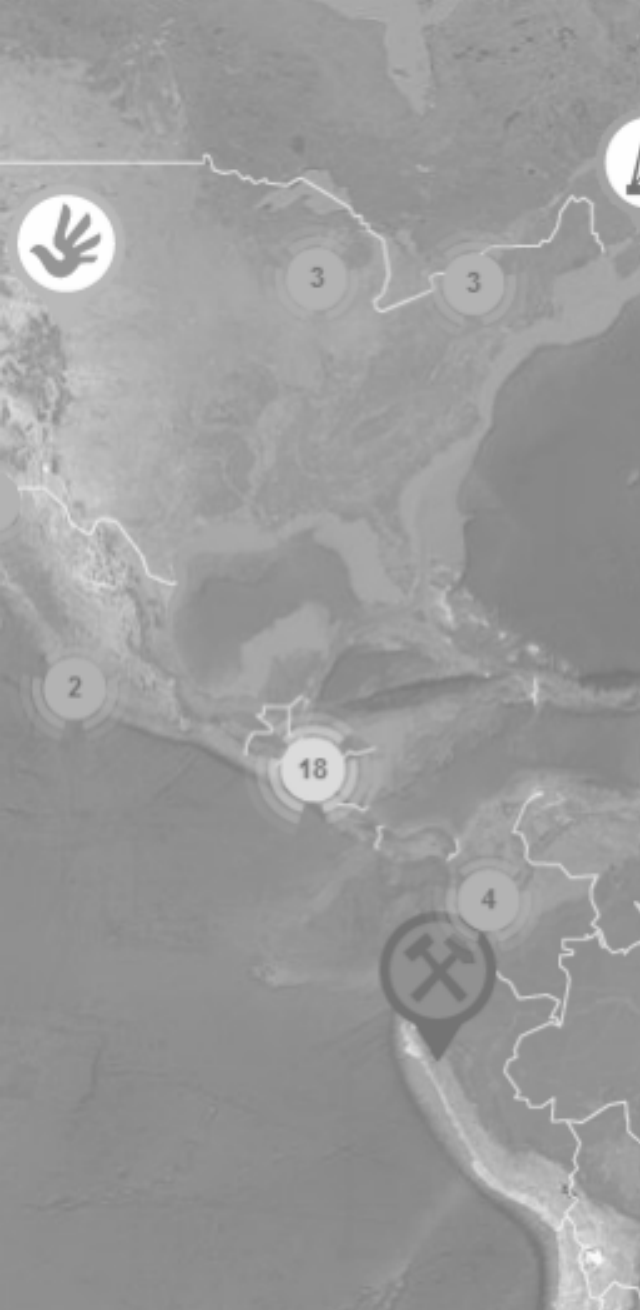


Syria



Colombia





Canada





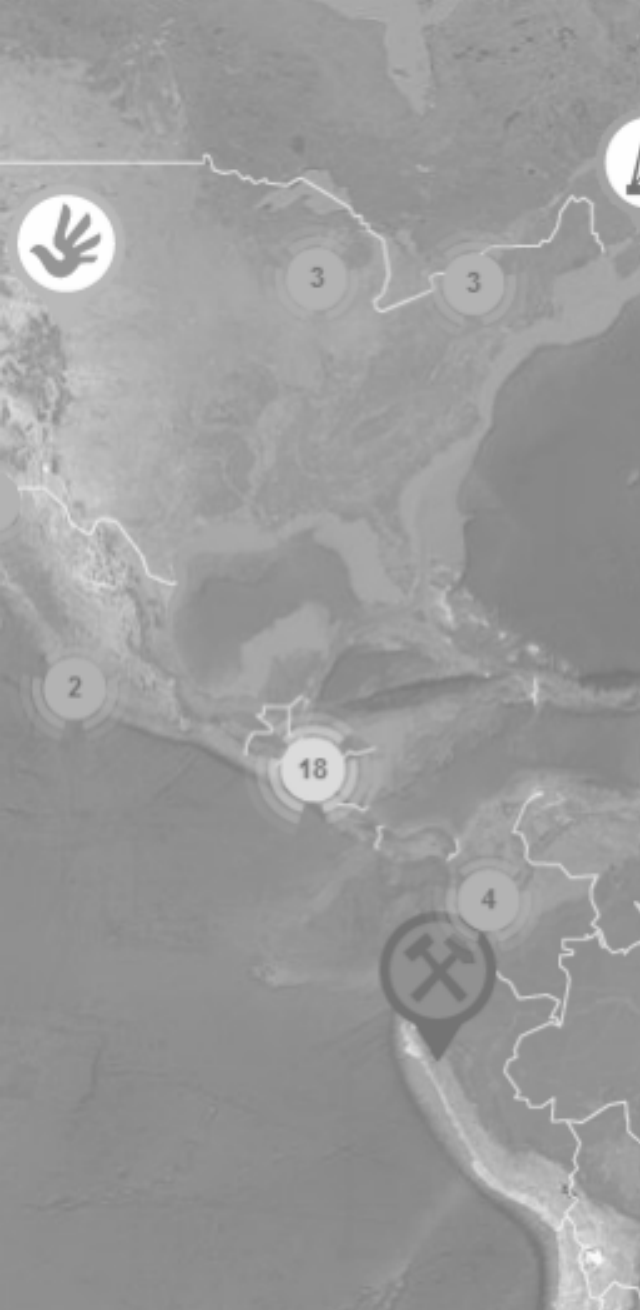


"Gang rape is a cultural habit"









Syria

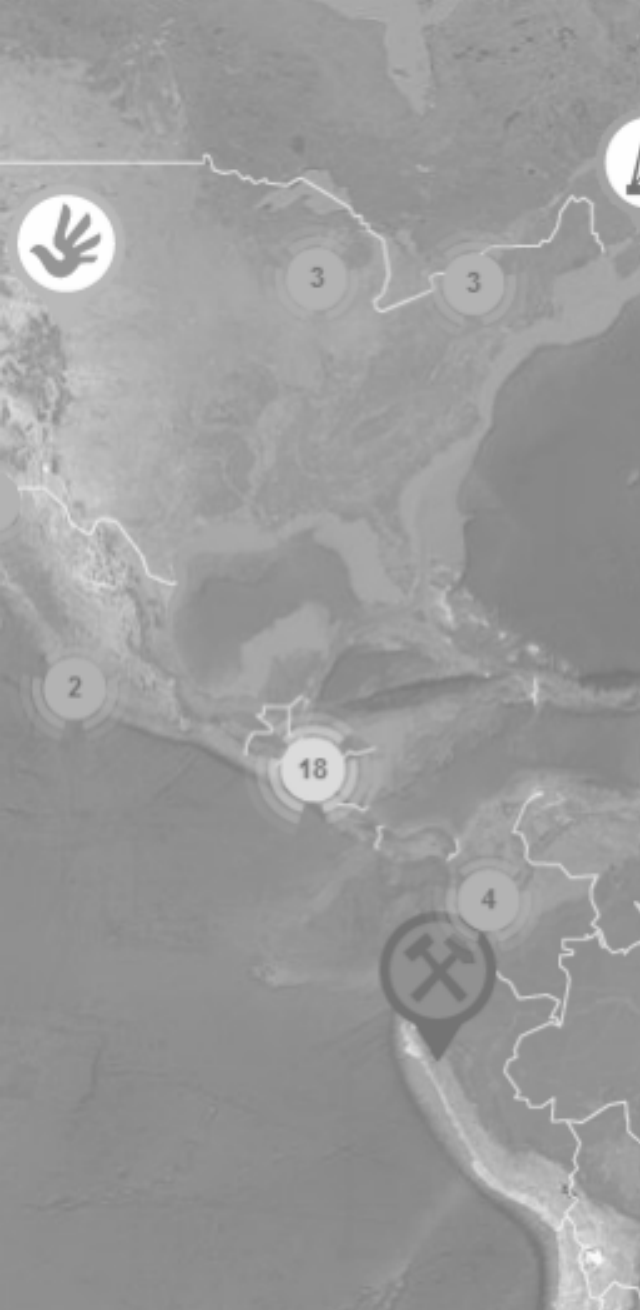


The government responded by saying the video had been faked, that the uniforms of the security men were not right, and that the film had probably been shot in Iraqi Kurdistan.

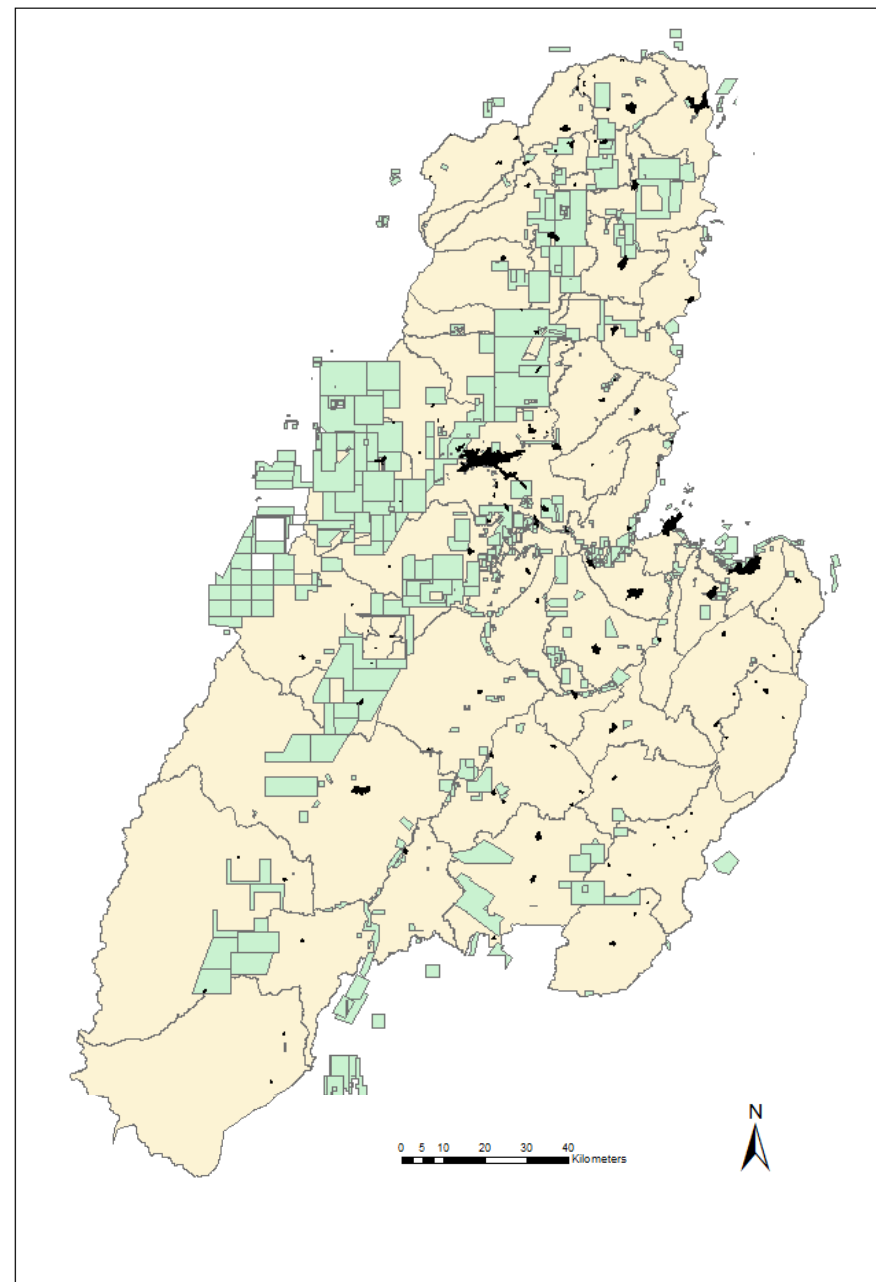
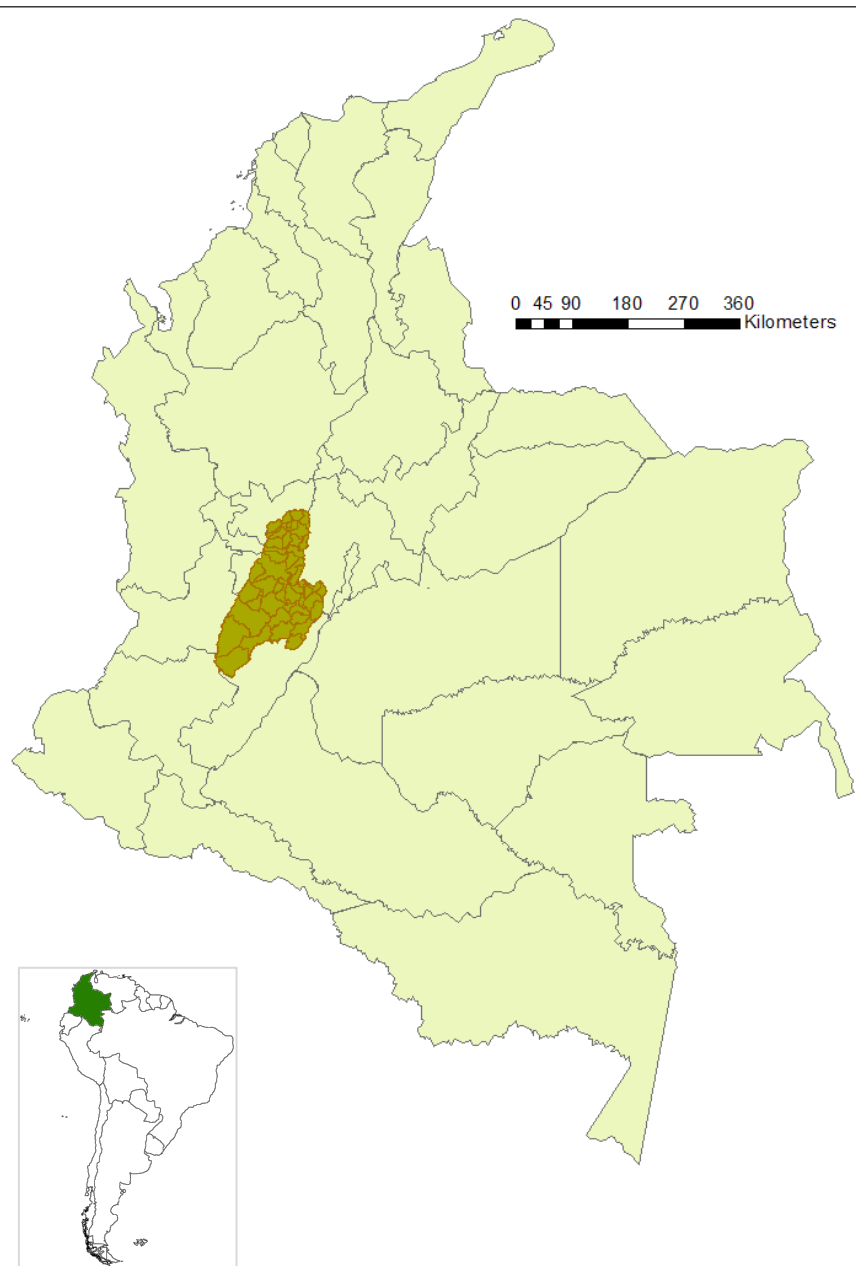


Ahmad Biasi set out to prove that forces loyal to President Bashar al-Assad had been as brutal as the video seemed to show.

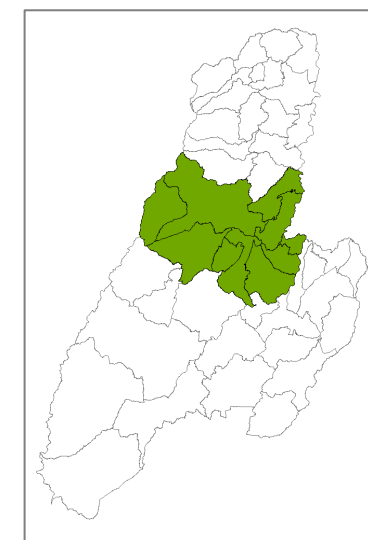
Photo: Independent








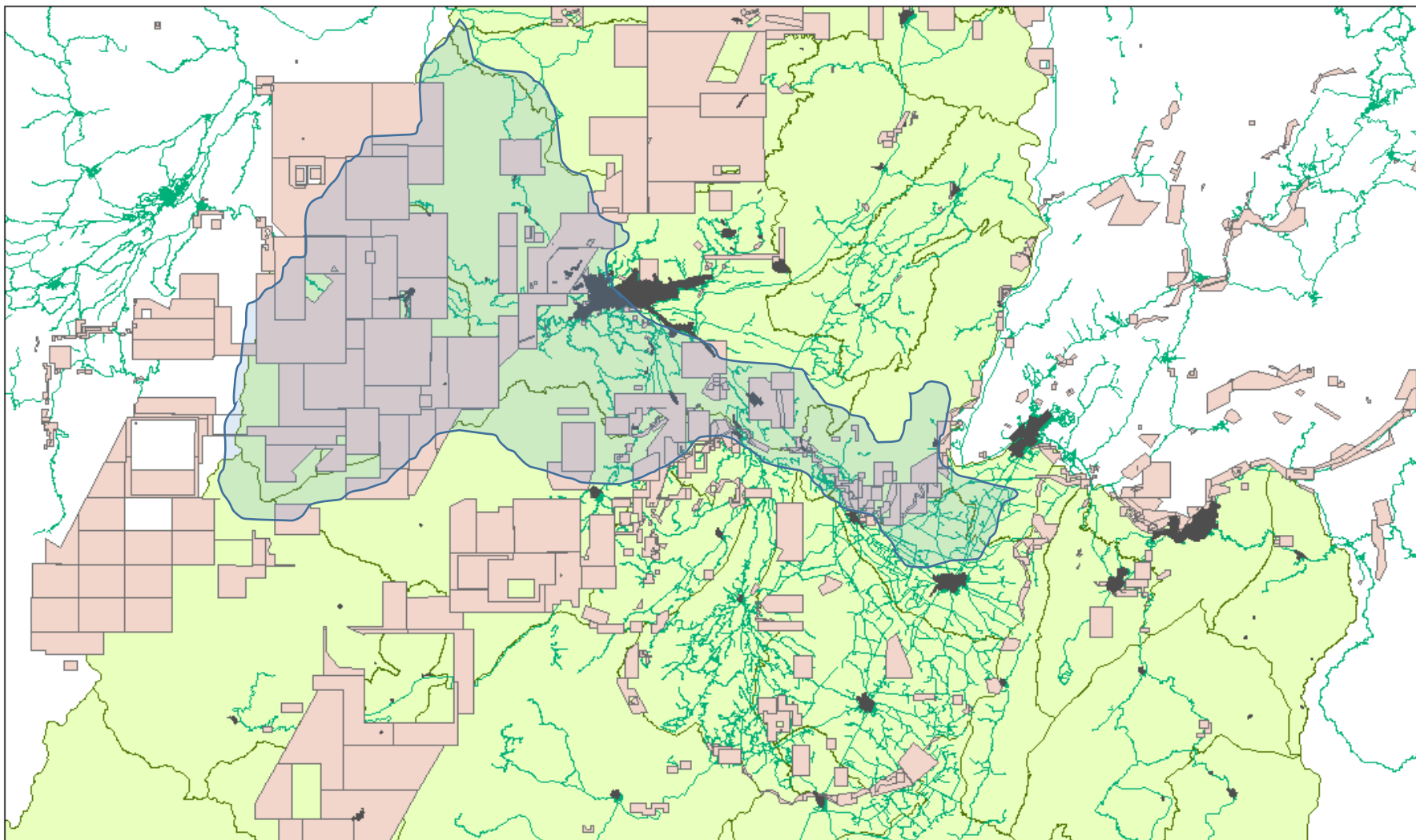
Colombia



Maps produced by VOZ Geographic
Information Systems using ArcMap 10.1



	Populated Area
	Municipal Boundaries
	Coello Basin
	Mining Concession 2012
	Roads




Maps produced by VOZ Geographic Information
Systems using ArcMap 10.1

0 5 10 20 30 40
Kilometers



**Death threats | Robberies (data theft)
Heavy military and ESMAD presence**

Photo: Colombia Solidarity

A photograph of a man with a mustache, wearing a light-colored straw hat and a light-colored jacket over a dark shirt. He is standing in front of a wooden structure, possibly a porch or a doorway, with wooden beams and a corrugated metal roof visible. The background shows some greenery.

On 12 November 2013 César García, a campesino opposed to La Colosa, was executed as he returned home - the community does not consider it to be an isolated case

Photo: Colombia Solidarity



Using our free, secure, GIS platform the community were able to map human rights and environmental abuses.

La Colosa is presently on hold

Photo: VOZ



The creation of '*neogeography*' has '*freed [GIS] from the confines of the academic and opened it up to the people*'³

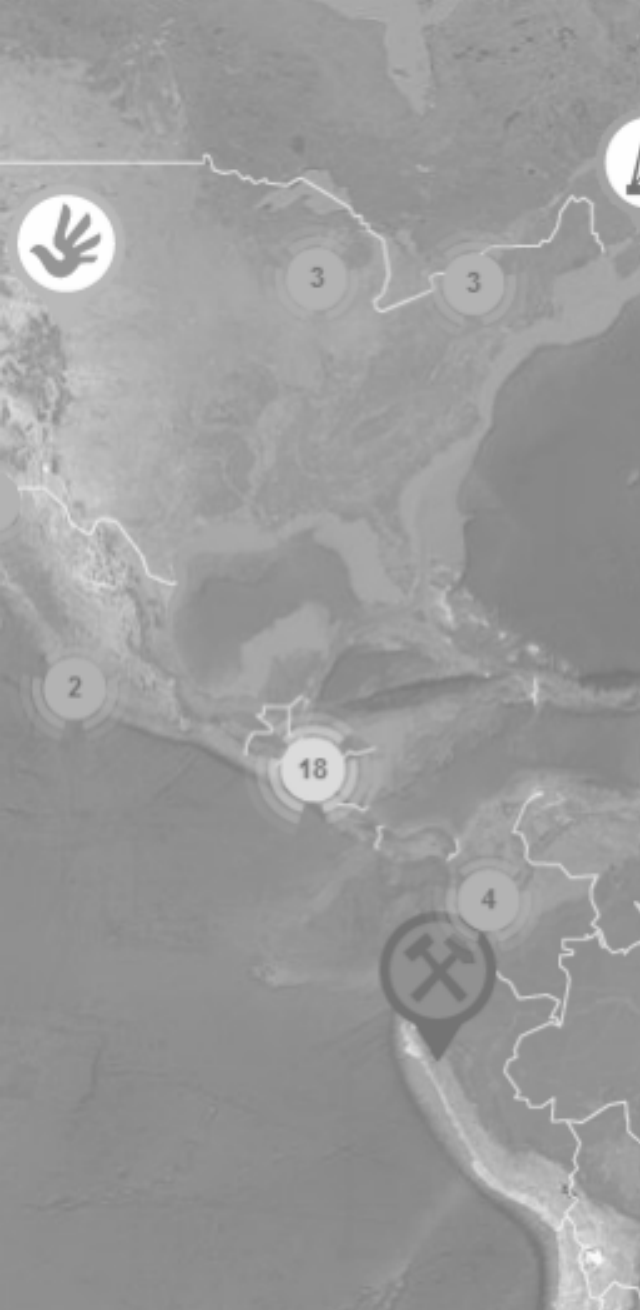


5. Rambaldi *et al.*, 2006: 2

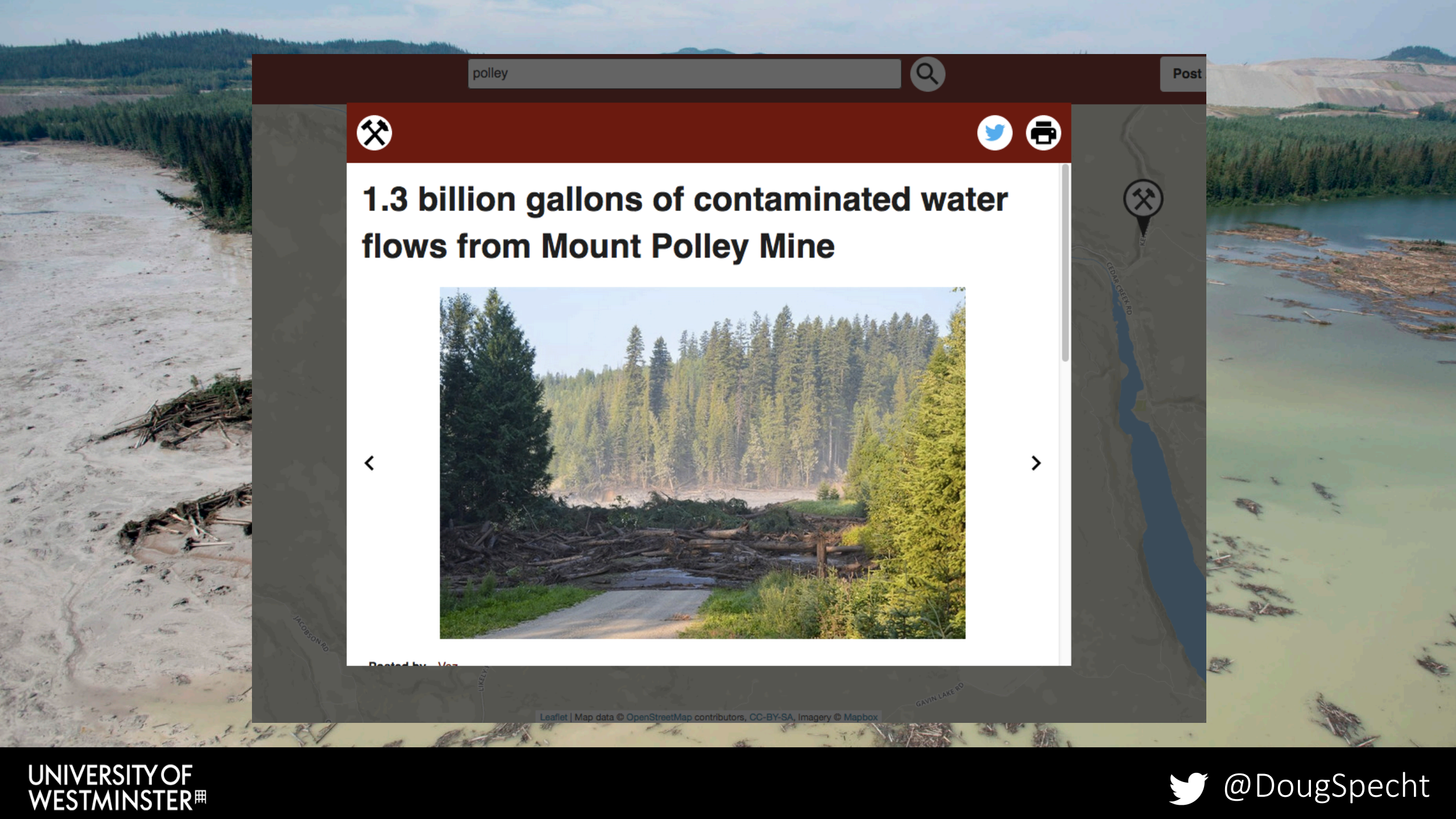
A person wearing a dark hoodie is looking down at a smartphone in their hands. The scene is at night, with a strong orange glow from a fire or smoke in the background. Other people are visible in the distance, also in the smoke.

Maps produced collaboratively hold a much more diverse range of information, and in some cases highlight the importance of issues not otherwise considered

Photo: Steve Dorsey/The Media Line




Canada



polley

Post

1.3 billion gallons of contaminated water flows from Mount Polley Mine



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Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox




PGIS has been lorded as very successful in promoting the inclusion of marginalised communities ⁴

'PGIS practice is geared towards community empowerment through measured, demand driven, user friendly and integrated applications of geo-spatial technologies'. ⁵

4. (Robbin, 2003; see Also: McCall, 2003; McCall & Dunn, 2012; Rambaldi *et al.* 2006)

5. Rambaldi *et al.*, 2006: 2

Photo: Peter Macdiarmid/Getty Images

The background of the slide is a photograph of several large, cylindrical industrial silos or storage tanks. They are made of metal with visible rivets and ladders. The silos are arranged in a row, receding into the distance. The sky is a clear, solid blue. A semi-transparent dark blue horizontal band is overlaid across the middle of the image, containing the main text in white.

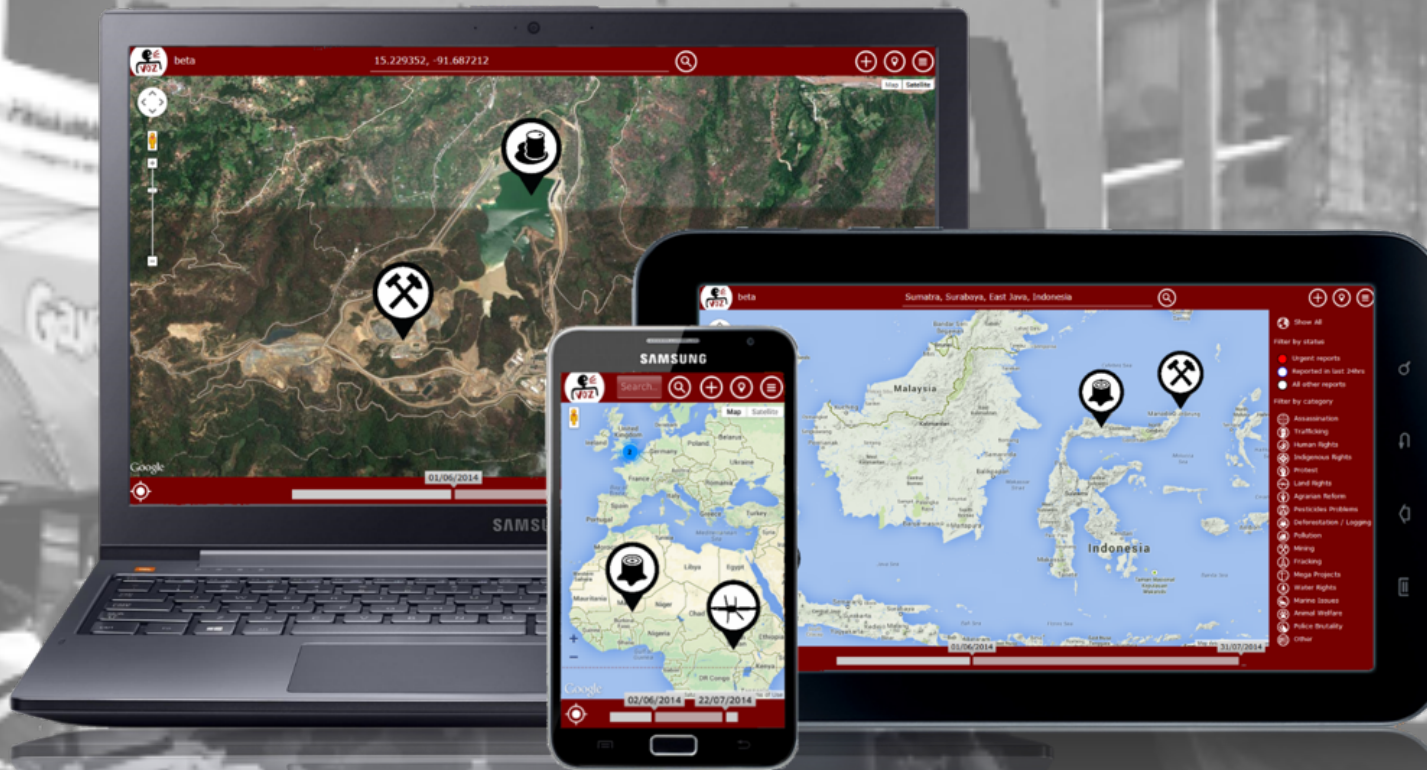
Social media gives the impression of
lateral democracy while compartmentalising
knowledge in silos





'By simultaneously allowing the expression of a variety of knowledges... ..PGIS creates a level playing field for comparing knowledge consensus and division. In so doing it allows a wider exploration of cultural and political conditions' ⁶

6. Robbins, 2003: 238
Photo: aimstudents



“We need maps! They help us to define the terms of the struggle”.

- Jorge Rubiano of Semillas de Agua





Thursday, 10:00

Room: *Amboni*

Closing the divide:

Data visualisations, organisational structures and representation in humanitarian mapping

Doug Specht
University of Westminster

Amelia Hunt
Independent Researcher



Call for Chapters

Mapping Crisis:

Participation, Datafication, and Humanitarianism in the Age of Digital Mapping.



HUMAN
RIGHTS
CONSORTIUM

[tiny.cc/
mapping-crisis](https://tiny.cc/mapping-crisis)



@DougSpecht
d.specht@westminster.ac.uk