



Presented at the FIG Working Week 2023,
28 May - 1 June 2023 in Orlando, Florida, USA

FIG WORKING WEEK 2023

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Protecting
Our World,
Conquering
New Frontiers

Land Administration for Climate Change in Practice

Kate Fairlie, Land Equity International



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GET
KIDS
INTO
SURVEY

with Geo Ginget
& The Last Surveyor

**SURVEYORS NEED TO TALK MORE ABOUT WHAT
WE DO, AND WHY WE DO WHAT WE DO ...**

...AND LESS ABOUT THE HOW

WELCOME TO TRAGIC ISLAND! I MEAN,
MIDTOWN ISN'T A GREAT NEIGHBORHOOD,
AS LONG AS YOU DON'T
MIND VOLCANIC ERUPTIONS,
LANDSLIDES, TSUNAMI WAVES AND
BLAZING FOREST FIRES! IT'S GOING
TO TAKE SOME SUPER SURVEYORS TO
SAVE THIS SCARY SITE!

YEEHAW! AND I THOUGHT MIDTOWN
WOULD BE A GREAT PLACE TO LIVE! MY
HOPE OF A HOMETOWN LOOKS LIKE A
LUXURY SUV! BUT IF THERE'S ANYTHING I'VE
LEARNED FROM MY ADVENTURES WITH THE
GEOLOGISTS, IT'S THAT SURVEYORS CAN
HELP MAKE THINGS BETTER. LET'S SEE
WHAT THEY CAN DO HERE!

The premise

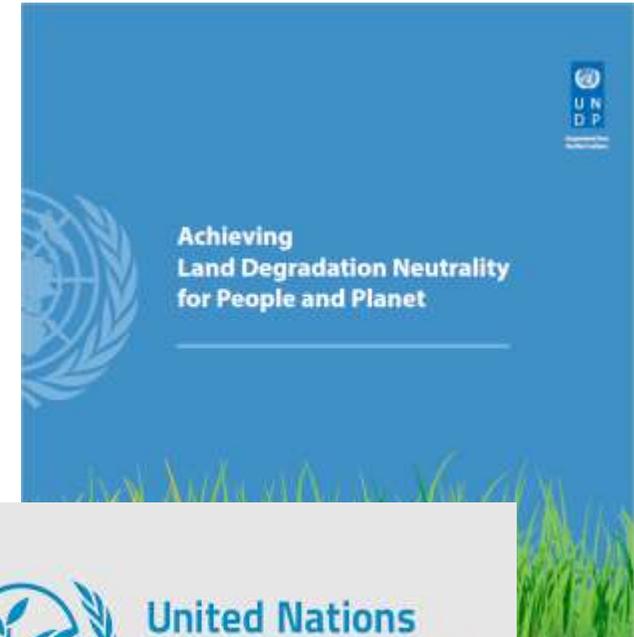
...we don't have a clear map of FIG/surveyor contributions in the climate change, biodiversity and land degradation spaces...

...better articulating the FIG and surveyor role is important

- Selling our services
- Being included in key spaces/for a
- Solving these challenges



Climate change policy environment



(Text with EEA relevance)

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Evolving policy through practice: case studies from LEI



**TRANSFORMATIVE
LAND
INVESTMENTS**



**MEKONG REGION
LAND
GOVERNANCE
PROJECT**



**NAURU HIGHER
GROUND
INITIATIVE**



**REDUCING
DEFORESTATION
THROUGH SPATIAL
PLANNING IN
PAPUA**

CASE STUDY: SPATIAL PLANNING TO REDUCE DEFORESTATION IN INDONESIA



Collaboration UK and Indonesian governments to support spatial planning and low carbon development.



Key climate change themes:

- Deforestation and land use change account for ~80% of Indonesia's GHG emissions.
- Push for low-carbon development



Key land administration themes:

- Technical assistance to improve spatial planning and capacity.
- Better recognition and inclusion of indigenous peoples (and women)
- Inclusive and green spatial planning
- Spatial data management and web portal creation
- Support for licensing and enforcement.



CASE STUDY: NAURU HIGHER GROUND INITIATIVE



Technical assistance direct to Government of Nauru.



Key climate change themes:

- Sea level rise and climate vulnerability
- Food and national security
- Urbanisation
- Sustainable economic growth



Key land administration themes:

- Contextually appropriate master planning
- How best to evolve customary tenures to meet both present and future needs?
- How can countries drive the agenda and still receive financial support?

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CASE STUDY: TRANSFORMING LAND INVESTMENTS

MEKONG REGION LAND GOVERNANCE PROJECT



Both projects funded by SDC (MRLG also Germany and Luxembourg). Implemented with partners.



Key climate change themes:

Smallholder livelihood impacts
Food and economic security
Agricultural resilience
Environmental conservation
Private sector compliance



Key land administration themes:

- Secure and equitable access to and control over agricultural land, forest and fisheries.
- Leverage private sector investment
- Strengthen contribution of ag and forestry investment to tenure security
- Understand the trade-offs between policy objectives
- Alliance building and policy reform , Inclusion of vulnerable groups

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What can we learn from these case studies?

1. The solutions are social/political not technical

- Localisation and south-south knowledge exchange is important – how can we support?
- Partnerships are key. How can we best leverage FIG and non-traditional partnerships?
- Recognise power dynamics. In the climate domain many countries want to retain 'sovereignty' of the discourse. Land is central to this and surveyors must understand their role.

2. We need to build the evidence base to promote the survey profession

- Surveyors are at the core of balancing growth and sustainability
- Finance is key.
- We need an in-practice agenda – there is so much more to do!

3. Emerging areas: marine tenure, marine spatial planning, economic growth and indigenous territory/customary practices, linking in the private sector



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Thank you – please ask questions and get in touch!

Kate Fairlie

Land Equity International

kfairlie@landequity.com.au

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