

Presented at the FIG Regional Conference 2024, 14-16 November 2024 in Kathmandu, Nepal



**Dr Diane Dumashie, RICS
FIG President**

**Land Governance for Climate Action:
The Imperative for Land Professionals
to Act**

14th November 2024

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Kathmandu, Nepal 14-16 November

REGIONAL CONFERENCE 2024

Climate Responsive Land Governance and Disaster Resilience: Safeguarding Land Rights



**Climate Responsive Land Governance and Disaster Resilience:
Safeguarding Land Rights**

Opening
Dr Diane A Dumashie, RICS
FIG President

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**Namaste
Welcome**



Kathmandu



The Power of Partnerships

- Nepal Local organisation
- Regional deliberations
- Global Collaboration

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**Our power of
Collaboration**

Will lead to
Call to Action for the Asia
region

We recognise the
Imperative for land
professionals to act
in a climate response way

Why and How we will get
there.....



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The Future We want to shape

Nepal Regional Conference 2024
articulates FIG Sustainability Work Plan (2023- 2026)

Theme today cuts across the 2030 global Agenda



- **People:** Responsible government of tenure
- **Partnership:** Rapid urbanisation, managing land use
- **Peace:** Human rights and equality
- **Planet:** Climate change and natural disasters
- **Prosperity:** Economic livelihoods, land and property

- Our FIG Vision to 'serve' supports,
"Leaving no one behind"

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FIG Climate Champion guides (2023-26):



FIG Recognised need to do more in climate arena,

- **Task Forces:** Climate Compass & Global Agenda 2023 (SDG's)
 - Generating **knowledge** climate resilient land for people and planet.
 - **Steering and Charting our value**
- **Stronger together:**
 - How we build the imperative to act
 - Captured in our conference process
 - to Imagine, to Improve and to be Inspirational



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Our First imperative



Crucial to:
1. Imagine & Encourage Conversations

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Land: it is all about People to Land relationship



Asia

- Rapid population growth and urbanisation, environmental degradation
- Climate change has disproportionate impact on vulnerable regions (Nepal Natural Adaptation Plan)
- **Tenure security** - incorporate a sustainable land management regime for the long-term protection.
- Climate responsive land governance....

Photo Top S Eneamk, Mid and low Nepal Tourist Board

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Climate Risks

Increases conflict and competition for resources

.....Secure land rights are fundamental to ensuring disaster resilient communities

Because **Climate change**:

- **Impacts:** (land degradation, water scarcity, extreme weather effects, biodiversity loss)
- **Increases** further the effects of climate related disasters: (flooding, landslides, cyclones, drought, sea level rise)
- **Induces** social degradation (food insecurity, public health crisis, increase conflicts & crime)

Above all,

- These social degradations are not distributed equally

So,

- Important to **Safeguard:** indigenous land rights, land tenure, impact on livelihoods



Photo Nepal Tourist Board

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Encouraging Deep Conversation

Thinking deep, & implementing wide

The ways that LA actions both **affects** and is **impacted** by climate change will be highlighted by our thought leaders in plenary.




Photo S Eneamk.

- **LA Systems** are crucial for safeguarding land rights, building resilience and fostering sustainable development

The importance of strong Institutions **with systems**:

- **Adaptation:** to respond to actual/expected climate issues
- **Mitigation:** to reduce or prevent green house emissions from human activity (esp land uses)

Above all, **Resilience....**

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We act for planet



- Country commitments to providing National Environmental Plans under three Rio Conventions.
- Simplistically: Climate/ Carbon, Biodiversity and Land Degradation
- **Evidenced Nepal:** Institutional mechanisms underway
 - Climate in Nationally Determined Contribution reports (NDC)
 - National Biodiversity Strategies and Action Plans (NB SAP)
 - Nepal National Adaptation Plan.
- **Surveyors involvement: A crucial bridge between policy and practice**



Second Nationally Determined Contribution (NDC)



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We act for people: Leave no one behind

Surveyors involvement: Crucial in innovative partnerships and to implement



- In collaboration with UN Family:
- **FFP LA:** A system providing security of tenure & control of the use of land. Is emerging as climate responsive to drives resilience in communities to safeguard land rights.
- **Nepal Land reform:** including becoming a FFP trial blazer (Min, GLTN, CRC pub May 2018)
- **UNGGIM:** strengthen national capacity on geospatial information, and includes:
 - An Expert group on land administration and management
 - A Working group on Sustainability and Climate
- There are many e.g : WB, FAO etc



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Our Second Imperative



Vital to:

2. Improve the adaptation and Resilience

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FIG climate journey: The Tide is strengthening

From Past, to Present to Future

An increasing tidal current:

- The ever-building awareness by surveyors that they.....
- **DO** help public, private and civic sectors of society
- **BY** implementing technical and policy advice



Publications creating value-add thought leaderships and technical knowhow (Numbers, 38, 55, 65, 68)

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Champions from all FIG 10 Commission







Climate Action 'We must move fast' (Advisory Committee of Chairs)


Approaches methods and practices:

- Not enough to be sustainable; we need to be resilient
- **Sustainability** = Maintaining the same
- **Resilience** = Recognition of change & adaptability, and
- **All actors have the capacity** to prevent, anticipate and absorb climate change events this means transparency, finance and monitoring to act
- **Your experience** shared over the next 2 day program.....

FIG

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Improve the Adaptation and Resilience: conventional processes make them more agile



Monitoring, measuring, analysis and.... decision making

- **National** climate plans
- Natural disasters & **building back better**
- **Land use change** causing carbon & biodiversity loss
- **Land systems** for tenure security & spatial planning & land use controls, rights of indigenous people & local communities
- Land and Geo-spatial data & **mapping**
- **Valuation** systems, natural accounting (natural resources), risk management, compensation, property markets
- **Geo earth observations**
- **Professional ethics:** managing transparency, data sources (spatial, models, privacy – mind the gap of the digital divide)

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Our Third Imperative



Critical to be:

3. Inspirational & innovative in our implementation

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Communicate- Bridge- Implement

Inspiring to Implement climate action:



With Governments in a rapidly evolving setting,

- **Go to scale** solutions with evidence of benefits
- **Take on board** new technology to deliver climate goals
- **To create data and analysis** +scenario development for decision makers (Identification of compromises, options, trade offs, mediation)



With communities to:

- Understand the **perspectives** of all climate stakeholders
- **Explore options** to meet environmental & human rights obligations.
- **Link action** on land (& water) governance to the local level.

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Inspiring our Profession to be Resilient



Professional development:

- Scale up the **industry work** force to deliver climate action
- Get much **better working**; Academia and Industry

Younger generation.....XY and Z

- Embed to **ensure succession**:
 - FIG co chairs (TF), develop and expose (Council), Commissions
 - FIG Foundation Awards (20) and John Brook Giving Award (2)

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Partnership Resilience - Stronger Together



FIG YS/CSVP Shristi Pardeci

Inspiration and Innovation:

- **Capacity**: FIG community actively builds professional knowledge and capacity
- **Recognizing** that effective partnerships ensure stronger engagement.
- **Pre-events 13th November**:
 - World Bank Workshop on Land Use Planning in Nepal
 - FIG YS Asia Meeting Dhulikhel (LMTC)
- **Appreciation** for support MLCPA (Survey Dept and LMTC) and engagement of our strategic partners, our sponsors, andYou



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Inspiring & Improving Asia Regional resilience



World atlas.com <https://www.worldatlas.com/geography/what-are-the-five-regions-of-asia.html>

Stronger together:

- **Engage** and bridge across the region to achieve dialogue
- **Effective** Land governance has more similarities in the region than differences
- **Ensure** multistakeholder dialogues among national governments and regional stakeholders to facilitate knowledge sharing and technology transfer

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Asia Call to Action - Key messages



Our deliberations are:

1. Crucial to imagine and encourage our conversations
2. Vital to Improve the adaptation and Resilience
3. Critical to Inspire and to be innovative in our implementation approaches

Above all, Its our imperative

- To bridge: Policy - to Practice - to People
- To work: Global to local (& to regional)

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Final word: The Imperative for land professionals to Act



Photo S Enemark

- **Society** intuitively and increasingly understands that Climate action is the driver to **both sustainability and resilient** approaches
- **Our profession** must make these two drivers, bedfellows and prove this to all sectors of society.

The Nepal - Call to Action

Will go a long way to achieving this for Asia region
AND
Also with clear messages across the global community

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Our Journey is far reaching!



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Thank You

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