

Review of the first year

Royal Geographical Society

with IBG

Advancing geography and geographical learning

Background

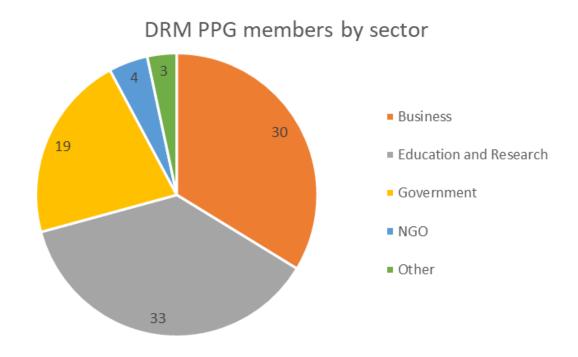
- Geography and geospatial technology in disaster risk management (DRM)
- Community of risk-focused professionals and academia
- Cross-sector membership
- Promote best practice and geography as a professional discipline
- Discover common approaches
- Support early career development



Photo: Toby Meredith, copyright University of Portsmouth

DRM-PPG members

- 89 members registered with the RGS-IBG and 262 in the LinkedIn Group
- Members include 53
 Fellows of the Society, of which 25 are Chartered
 Geographers
- Broad representation across sectors



Current Committee Members













Tina Thomson

Tina Thomson@ajgre.com

William Forde william@chagoda.com

Matt Foote mattfoote67@gmail.com

Richard Teeuw richard.teeuw@port.ac.uk

Faith Taylor faith.taylor@kcl.ac.uk

Chris Ewing chris.ewing@aon.com

Review on Progress

Proposed plan of activities

Update on activities

| Months 1-3 (Sep – Dec 2020) | Announcement of formation of the PPG and call for interested parties | |
|----------------------------------|---|--|
| Months 1-3 (Sep – Dec 2020) | Formation and first meeting of the PPG; establishing links with other Societies and Bodies | Establishing links with RSPSoc, Risk-KAN Early Warning Systems Group and others, MapAction |
| Months 4-6 (Dec 2020) | Networking event to promote the PPG to society members | 1 hour Launch webinar in December 2020 Establishment of LinkedIn group (>250 members) |
| Months 6-12 (Jan-Jun 2021) | Webinar covering one of the themes of the PPG e.g. disaster preparedness and risk reduction | 3x 'Fireside chat' 1 hour webinars run with (~40-100 attendees per event) 1 x RSPSoc annual conference session 1 x webinar on early careers 1 x roundtable webinar with Cabinet Office |
| Months 12-18 (Jun – Dec 2021) | Online promotional article/blog/new items on topics from the event/webinar | 3 x Fireside chat blogs + recordings (3 more to come) 8 x Profiles of women in disaster risk for International Women's Day 1 x blog for International day of DRR |
| Months 18-24 (Dec – Jun 2022) | Evening lecture covering one (or more) of the themes | Evening lecture (Covid permitting) Careers profiles and resources on the website |

5 Fireside Chats

- 1 hour panel events (12.00-13.00)
- 19 speakers so far
- 40 to 100 attendees per event
- Sessions recorded and written up as blog posts



Communicating and understanding risk in dynamic situations

This case study summarises the key themes discussed by our panellists at the first fireside chat, organised by the Disaster Risk Management Professional Practice Group in February 2021.



Disaster Risk Pooling - enabling mutual cross border resilience

This case study summarises the key themes discussed by our panellists at the second fireside chat, organised by the Disaster Risk Management Professional Practice Group in April 2021.



Disaster risk reduction

The third in the Disaster Risk Management Professional Practice Group's fireside chat series.

◆ FREE TO ACCESS,

PROFESSIONAL INTEREST TALKS, 2021



Compound risk: dynamic exposure and vulnerability

In the fourth Disaster Risk Management Professional Practice Group's fireside chat, the panel discusses the topic of compounding risk, with a particular focus on dynamic exposure and vulnerability.



Climate change and implications for disaster risk management

In the Disaster Risk Mangement Professional Practice Group's fifth Fireside chat event, our expert panel discuss the implications of climate change for evolving disaster risks and disaster risk management.



UPCOMING COVID-19
pandemic: What
have we learnt from
a risk management
perspective?

Join us on 10 December for the final Fireside Chat of the year.

OOK HER

Cabinet Office Roundtable:

Re/insurance approaches to inform the National Security Risk Assessment

methodology review

8 speakers

Report



- Alan Godfrey, Head of Group Casualty and Cyber Exposure Management, Axis Capital
- Emma Watkins, Head of Exposure Management, Portfolio Risk Management at Lloyd's of London
- Dr Emma Bergin, Flood Risk Specialist, Flood Re
- Dr Raveem Ismail, Head of Parametric Underwriting at ASR Re
- Dr Nicola Ranger, Deputy Director of the Centre for Greening Finance and Investment, Oxford Sustainable Finance Programme
- Cabinet Office Civil Contingencies Secretariat: Oli Brown
- Royal Academy of Engineering: Dr Marie-Laure Hicks and Dr Alexandra Smyth

https://www.rgs.org/geography/advocacy-and-impact/impact/nsra-review-drmevent/

• 8 career profiles of women in disaster risk reduction for International women's day 2021.

https://www.rgs.org/iamageographer/?categories=DisasterRiskManagement&loadall=1&pageindex=1



Caroline Yormesor on working in Disaster Risk Management

Caroline Yormesor is a Senior Resilience Advisor at Applied Resilience. Here she discusses her experiences of working in Disaster Risk Management.

SENIOR POSITIONS, ENVIRONMENT AND SUSTAINABILITY ENTREPRENEURSHIP AND OWN BUSINESS, GEOSPITIAL AND TECHNOLOGICAL INNOVITIONS, DISASTER RISK MANAGEMENT



Liz Hughes OBE on working in Disaster Risk Management

Liz Hughes is a Chief Executive at Map Action. Here she discusses her experiences of working in Disaster Risk Management.

SENIOR POSITIONS; CHARITY AND NOT-FOR-PROFIT, GEOSPATIAL AND TECHNOLOGICAL INNOVATIONS; DISASTER RISK MANAGEMENT



Lawrence CGeog on working in Disaster Risk Management

Dr Vanessa Lawrence is a Director of Location International Ltd. Here she discusses her experiences of working in Disaster Risk Management.

SENIOR POSITIONS; BUSINESS AND INNOVATION, GEOSPATIAL, AND TECHNOLOGICAL, INNOVATIONS, DISASTER BISS MANAGEMENT



Dr Helen Adams on working in Disaster Risk Management Dr Helen Adams is a Senior

Lecturer in Disaster Risk Reduction and Climate Change Adaptation at King's College London. Here she discusses her experiences of working in Disaster Risk Management.

RESEARCH AND ACADEMIA, MID CAREER, EDUCATION, DISASTER RISK MANAGEMENT



Lucy Stanbrough on working in Disaster Risk Management

Emerging Risks and Geopolitical Risks Research. Here she discusses her experiences of working in Disaster Risk Management.

RESEARCH AND ACADEMIA, SENIOR POSITIONS, BUSINESS AND INNOVATION, DISASTER RISK MANAGEMENT



Vanessa Pilley CGeog on working in Disaster Risk Management

Vanessa is a Senior Scientific Officer at DEFRA, based in London. Here she discusses her experiences of working in Disaster Risk Management.

MID CAREER.
GOVERNMENT AND POLICY,
DISASTER RISK MANAGEMEN



Jane Toothill on working in Disaster Risk Management

Jane Toothill is a Managing Director at JBA Risk Management. Here she discusses her experiences of working in Disaster Risk Management.

SENIOR POSITIONS , EMIROMATENT AND SUSTAINABILITY, ENTREPRENEURSHIP AND OWN BUSINESS. GEOSPIETAL AND TECHNOLOGICAL INNOVATIONS,



How did you get to where you are now?

I studied for a Geography BSc at Lancaster University, graduating in 2015. I have always been interested in geography and especially enjoyed the overlap behavior the physical process and the human behaviors and responses. During a returnal hazards lecture at university the role of insurance was discussed wheth permethyle the to investigate it is a potential carrier path.

I floosed my discretation on the importance of restriction in food modeling for incurance, which give me neighbor into the includity and the igner of modeling required. As part of the id-off secretary is a local relatation better to gain registration and commercial properties. In all owners of me to apply for a position as William Res Invalvage grown up just outside London I shape water to such in the city but need throught is would find a job here with nuch strong geographical themses. After an assument orders and entirelesses in assumed in purphy any local activities in a successful in graphing by the a disastrophy filial strategy.

Over the next five years I vacried on verious catastrophe modelling projects for clients in Turkey, South Africa, UK, Canada and Australia. In early 2020 I moved to Systey and took a position in our Systey learn.

What you are responsible for?

The growny aim of my cite is to estimate how much an insurance company is laidy to laid a laigne statemptor was to occur the instruction happing may be to death their less of the destination happing may be altereduced to the first less of the destination happing may be altereduced to the first less of the destination has been stated to destinate patiential bosset, i utilize collaborative modes, which we computer programs that simulate various calastraptive words. The reasons of modes in the first less and various destination, there is a first mode of the collection and collection and could confirm the first less and various destination, and are served or a first less and the collection an

As the cutput from the models is complex, I interpret the results and communicate to clients about my findings in reports and presentations. By looking at how the postbol is changing one time, in terms of where the saks are and what type of risks are new, I can explain why the loss may be increasing or descreasion from one were to the next.

Comer change is consistely becoming and of my day to day rise, with clears asking more questions about what it means to inviscement. As the models we use in below, leading on good chank the rise deserved qualiforms to the models to effect the leaky impact of climate change on a client profitel, for example increasing the number of severe storms in Queensland, I use these to communicate the personal colors and read set of colors and control on the Asian weakledy of invasions.

What skills and characteristics do you need for this role, apart from geographical knowledge?

A key part of being a successful catestopte analyst is being able to communicate to sudencies with a single of expertise and background Mily work is used internally by ordustings. Universe and client managers, and extendiby to instrument managers, bright entering and G-state which all have varying levels of incentrique or the specifics of catestrophes and modeling, Being able to understand what east staken-boder resolution and fastions exceeded.

Another key skill that I have picked up from peopraphy is working with a breaith of knowledge and focusing on the bigger picture. Calsain/pick models tring foreither concepts from statistics, engineering, insurance and social sciences, which means there is always plenty more to learn. It is imported for the follow confidence in my such, but without necessarily having to know every detail.

How does geography feature in your work?

This is interestly a function of country, but is sufficient, cycloric or providers. Being sale to understand the officer discuss which cause ordinary plans a secretarial or interesting plans that a recomplication sources country as one throat being under to plan and entagors. Cover deserving contribute covering policies excelled also as association to a single of perits, which makes exposure management a key provinty to ensure they see out forming plan much in one place.

My term uses a lot of GS to process hazard and exposure data and it is a key component of our data visualization. When cyclone, half, fill or earthquake events occur I support my clients by overlapping the footpart of events with the policy information so they can see where is likely to be affected and channel recovery efforts. In general clients always love to see interesting impact.

There is also the more obvicus geography aspect - that location information is provided at a range of geographical scales and we have to work to aggregate and disaggregate data across officent reclusions.

What do you enjoy most about your job?

One of the most enjoyable aspects of my work is how variable it can be – I moently travelled to do a client presentation on modelling concepts to their board which involved discounting their reinsurance programme, secent hall events and climate change impacts, immediate after least back to low one or series detailed ording with a led of proteitem solding, which involved a completally different least soci

also relay why working on axess where wendor models are not assistable. It is our philosophy to understand and evaluate available models and object and out of them where in this they are not suitable to one not available, in they previous risk in managed projects for the Subliable and the suitable of the suitable and the suitable and the suitable and the suitable suitable available of the suitable and the sui

Do you get to travel for your role?

ee deal with clients globally there is scope for towel to attend meetings. I have been lucky to have visited clients in stantaul. Pass and mild in Brisbane. I also attended a conference in Berlin where I got to meet with others in the industry and hear about upcoming product i model vendors.

What advice would you give to someone wanting to go into this career?

insulal suggest that people inherend or cultatopoin modelling in insurance and reinsurance lesing up to dair with the developments in the dustry by meding logical and reservational from larger immanance comprisers or measures and business, such as William Ris Summary of Inhursh substrate, bursts, Look out for callestophe analyst or exposure management opportunities of syndicates, insurance companies and

Being able to provide examples of working with large datasets and experience with programming languages such as python or R are also very

Why did you choose geography?

Geography both of they provided from many other disciplines can be applied to make sence of how the sorth system exhibitor its accordance, prefixed, anywhering or reporting these is always parenting new and elementing to learn the phonous Geography you are exapproxy yourself with the including and transferable solds to backet any seal-world problem and spectrum poyers for cases' constructions. Any other laws of the shall shall be shall sell for these laws of the shall shall be shall sell for the shall be shall be shall sell for the shall sell be shall sell for the shall sell for the shall sell be shall sell for the shall sell be shall sell for the shall sell fore shall sell for the shall sell for the shall sell for the shall

* This interview was undertaken in 2021 and was correct at the time of publication. Please note that the featured individual may no longer be in role, but the profile has been kept for coreir pathway and informational purposes.



Hannah Frost

Job Title: Senior Catastrophe Ris Analyst

Location: Sydney, Australia.

LINGERON SYCHOL AUSTRIA.

Downloads
Hornah Frost - Senior Call
Risk Analyst (pdf)

Featured banner image courtesy of Wi

 Blog post interview with Jenty-Kirsch-Wood (Head of Global Risk Management and Reporting, UNDRR) for International Day of Disaster Risk Reduction, Thursday 13th October 2021



About us Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research in the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's on Geography Schools Professionals Research In the field What's On Geography Schools Professionals Research In the field What's On Geography Schools Professionals Research In the field What's On Geography Schools Research Research In the field What's On Geography Schools Research Research

Why is IDDRR important?

What is the UN's role?

What can geographers do?

International Day for Disaster Risk Reduction 2021: interview with Jenty Kirsch-Wood

For IDDRR 2021, the DRM PPG spoke to Jenty Kirsch-Wood, Head of Global Risk Management and Reporting at the UN Office for Disaster Risk Management, on a range of topics around disaster risk reduction, the importance of the IDDRR campaign, and the skills geographers bring to disaster risk management.

Why is it important that we mark the International Day for Disaster Risk Reduction (IDDRR)?

The day is an opportunity to remember those who have lost their lives to preventable disasters, and to remind us of the importance of working together to make true progress towards a safer and more resilient planet.

There has probably never been a more important moment in history to make the point that an investment in disaster risk reduction is an investment in the future safety and recilience of people.

COVID-19 has claimed over 4.5 million lives, weaked havor on the global economy and upended people's lives. Wildlines and floods have been devestaling communities around the world, and due to global climate change we have just recorded the warmest decade in human history.

The focus of this year's IDDRR is on Target (f) of the Sendal Seven targets: to "substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of the present Framework by 2030."

This seems particularly timely given that that IDDRR is just weeks before COP26, a climate change conference that must deliver increased levels of ambition and international cooperation on reducing greenhouse gas emissions and climate change adaptation.

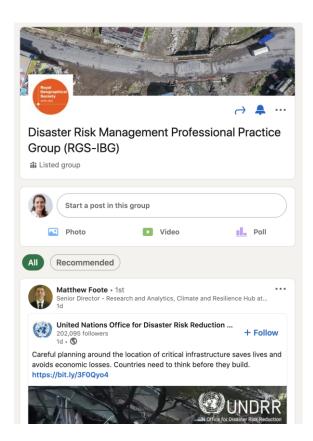
Risk reduction efforts have played a role in the reduction of disaster related deaths recorded in recent decades...we see greater interest and action across governments, cities, and izens to take action towards truly sustainable development

nat have we achieved to date in disaster risk reduction?

ne four years after the adoption of the 2030 Agenda and the Sendai Framework, countries have taken concrete steps towards meeting the

Climate-related disasters have almost doubled compared to the previous twenty years, exacerbating inequalities within and between countries...We need urgent collective action, political leadership, and financing.

- LinkedIn Group
- >260 members as of November 2021
- Posts on related events
- Group members using disaster risk management practices across academia, government, NGO and private sectors



Early Career Development

- Early careers webinar with university students across the U.K. organised by the RGS sharing experiences from our DRM-PPG committee members (link here)
- 8 'I am a geographer' profiles focussed on women in DRM (link <u>here</u>)
- Early careers sub-group of DRM-PPG volunteers starting to collate material for a resource page on the RGS website

Themes you suggested at kick off meeting

- Climate change (and COP26 engagement)
- Resilience and adaptation
- Early warning systems and crisis response
- Emergency management, local & municipal risk planning and response
- Reaching marginalised groups e.g. low-income backgrounds
- International engagement opportunities including NGOs, other international bodies
- Pre-degree student engagement e.g., Geography ambassador scheme (Careers profiles?)

https://www.rgs.org/professionals/professional-practice-groups/disaster-risk-management-ppg/downloads/disaster-risk-management-professional-practice-gro.pdf/

2022 – Things to come

- Establish and develop further DRM-PPG sub-groups, e.g. communicating risks, career development, cross-sectoral risk management
- Develop an international reach
- Engage more with other organisations e.g. MapAction, RSPSoc, Risk-KAN Early Warning Systems, etc.
- Establishment of an early careers event community
- Continuation of Firesides, roundtables, blogs
- Inclusion of in-person networking type events linked with Monday night lectures
- RGS conference and focus on disaster risk