



Introducing the Earth Ex 2021

We have tended to take for granted the functioning of the supply-chains that feed our supermarkets and businesses, the electric grid that enables clean water, communications and transport, the financial systems that enable trade to proceed, and the societal cooperation that protects our security and capacity to respond to problems. As these life-line systems have become more complex, efficient, and interdependent, our vulnerability to the global transmission of shocks and the potential for systemic disruption and failure has grown.

This vulnerability will increasingly be tested by accumulating and intensifying stressors and sources of shock, including from climate change, bio-diversity loss, potential energy and food constraints, the implications of escalating global indebtedness, future pandemics, cyber-attacks on critical infrastructures, and the potential reverberations from growing tensions within and between countries.

As a society we need to be much better prepared for whatever a riskier and more uncertain world throws at us. However, responding to such threats lies outside of our experience. We at RASDA are working to open a societal conversation about escalating systemic risk, and how we can be better prepared.

For that reason, we would like to introduce you to Earth Ex 2021, an initiative of the hugely experienced Electric Infrastructure Security Council (www.eiscouncil.org). Earth Ex is an exercise- a dynamic immersive environment in which you and your organisation can play out your response to an evolving crisis or catastrophe. It is delivered by an on-line web-based tool, using state-of-the-art video and exercise management.

This years' the exercise is based upon a catastrophic fire and flooding scenario, and their cascading consequences for the critical services we depend upon.

Earth Ex 2021 Details

How much does it cost: It's free!

When: It is available for your organisation to play at any time of your choosing during September / October 2021. It takes roughly half a day to run through the exercise, but could be more for complex, critical organisations.

Who is it for? It's for everyone.

The exercise has 38 lanes, including for • Individuals and Families • Communities and Leaders • Government Functions • Critical Life Utilities • Medical and Health Care • Private Sector • Communications and IT Operations.

Different lanes can be played at different times. It is recommended that people play the family lane, in addition to a lane pertaining to their particular organisational team.

What will we get out of taking part?

- Develop Insight into societal vulnerabilities.
- Test your current preparedness, risk management protocols, capacities for dealing with an evolving catastrophe.
- Improve planning for actions in response to a catastrophic event.

What do I need to do to take part?

It's easy and intuitive to play. It's 'come as you are'.

Registration and supporting information can be found at: <https://www.eiscouncil.org/EarthEx.aspx>

But this is just the beginning.

Preparedness is not just an exercise, but a process. ZZZ are supporting a sustained and deepening discussion on Whole-of-Society resilience and preparedness, and encouraging the networks and tools that can help make this possible.

- Would you share your experience of Earth Ex, and contribute to a multi-sector conversation on lessons learned, how things can be improved, and paths forward?
- Would you and your organisation like to contribute to opening a discussion on Ireland's preparedness and resilience as we face a more uncertain and disruptive world?
- Could you bring your vantage point or specialist expertise to the discussion?
- Would you be interested in staying in touch with others working to explore and expand the capacities, tools and networks that can accelerate preparedness?
- Would you be interested in hearing from leading global experts and practitioners on global systemic risk, governance, and societal preparedness?

If you are, we'd love to hear from you. We can be contacted through info@rasda.ie