From spreadsheets to operational outputs – case studies in enabling human, animal and environmental health intelligence

Speaker: Dr Uli Muellner, Epi-interactive

12.00 pm – 1.00 pm

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Abstract:

Whilst there are growing pressures on analysts and researchers to create intelligence from existing data streams and on decision-makers to act on insights created, this is in practice not easily achieved and commonly requires considerable effort and change. For starters, it can be a difficult transition to move from manual processes (such as spreadsheet-based data management) to automated analytics. Similarly, it can be challenging to translate complex outputs into easy-to-navigate and digestible data visualisations that don't create cognitive overload and are fit for purpose. Given these complexities it is often difficult to identify priority starting points and to choose the most suitable tools to work with.

This talk will showcase several intelligence tools we had the opportunity to contribute to, including e.g. WHO's Global Antimicrobial Resistance and Use Surveillance System (GLASS) data visualisations and dashboard, MPI's Climate Matching Tool and the disease modelling applicaton Epidemix. Uli will showcase challenges and how they were overcome and share success stories to inspire others to give it a go.

About the speaker:

Dr Uli Muellner, Managing Director Epi-interactive, Wellington

After various leadership roles in IT and online learning Uli co-founded Epi-interactive in 2009 and helped built up the company to where it is today. As an advocate of open-source technology he has been driving the innovative and user-centric approaches and methods the company embraces in its work. Anchored by his passion to help improve human, animal and environmental health, Uli works with a diverse range of organisations in and outside of New Zealand make data and research more accessible and link complex analytics with practical decision.