Digital Engineering

Powered by data. Driven by innovation.

Weather and Climate Modelling and Analysis

Introductory Courses

Instructors

Peter Hollingsworth	Mr. Hollingsworth has more than 30 years of experience in delivering weather-based solutions to the industry. In the last 20 years, his focus has been largely to the energy sector, particularly transmission, distribution, generation and energy trading industries in the USA, the UK, Australia and New Zealand.
Dirk Cannon, Ph.D.	Dr. Cannon finished his doctorate in Meteorology and has experience in machine learning techniques for weather and electrical grid applications. He is the Lead Meteorologist at Digital Engineering.

Agenda

Day 1	Weather Module

2.5 hours
- The weather cycle
- Measurements
- Fronts
- Common business applications
- Facts and questions
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Day 2	Climate Module

2.5 hours
- Difference in weather vs climate and history
- Climate forecasting
- Examples of climate change
- Common business applications
- Facts and questions

Day 3	Simulation module

2.5 hours
- Intro to NWP Melting of the ice caps
- Different resolutions
- Forecasting
- Hindcasting
- Facts and questions

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Contact us

If you'd like to find out more about our
courses, or have a specific
issue you would like to discuss with us,
please get in touch.

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