

# University of Auckland Update

**Rosalind Archer**

**Director – Geothermal Institute  
Mighty River Power Chair in Geothermal Reservoir  
Engineering**



**ENGINEERING**



**GEOHERMAL  
INSTITUTE**

Portfolio of activity including that goes from fundamental geoscience through to reservoir engineering, above ground technology and energy markets.

## **Aim to integrate disciplines where possible.**

- “Supermodels” project jointly with GNS, and funded by MBIE, halfway through. Developing new generation open-source geothermal modelling code.
- PyTough tools for pre and post-processing of models.
- Part of HERA’s AGGAT program.



- 1/2 year Postgraduate Certificate Program
  - 20 students this year (down from last year)
  - Geoscience and Engineering components
  - Guest lecturers from NZ and Gadjia Mada
  - Field trips
  - Short research project
- 1 year Master of Energy
  - Additional content from business school (energy markets, policy, regulation etc.)
  - Larger research project

# Scholarships



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The NZ Ministry of Foreign Affairs prioritises renewable energy in the scholarships provided in the NZ Aid program.

<http://www.aid.govt.nz/funding-and-contracts/scholarships/eligible-countriesregions>

- Indonesia
- Phillipines
- Mexico
- Kenya
- Carribean

... and beyond!

## Examples

- “Geothermal 101” (one day)
- Reservoir engineering/modelling
- Geoscience

Customised to client needs, and delivered in NZ or overseas.

# Outreach



# Website



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Check out

[www.geothermal.auckland.ac.nz](http://www.geothermal.auckland.ac.nz)

Newly developed website will be online soon!



# NZ Inc.



## ENGINEERING





# On Going Support from the New Zealand Geothermal Industry



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Andy Bloomer





**GEO THERMAL**  
I N S T I T U T E

Rosalind Archer – [r.archer@auckland.ac.nz](mailto:r.archer@auckland.ac.nz) (Director)

Andrea Ross – [as.ross@auckland.ac.nz](mailto:as.ross@auckland.ac.nz) (Manager)