3D Crustal Temperature Modeling over Japan by Combine Thermal Remote Sensing and Well-logging Data for Geothermal Resource Assessment

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Declaration

I hereby declare that except where specific reference is made to the work of others, the contents of this dissertation are original and have not been submitted in whole or in part for consideration for any other degree or qualification in this, or any other university. This dissertation is the result of my own work and includes nothing which is the outcome of work done in collaboration, except where specifically indicated in the text. This dissertation contains fewer than 100,000 words including appendices, bibliography, footnotes, tables and equations and has fewer than 150 figures.

Bingwei Tian
September 2014

Abstract

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Table of contents

List of figures

List of tables

References

[1] Y. Teng and K. Koike. Three-dimensional imaging of a geothermal system using temperature and geological models derived from a well-log dataset. *Geothermics*, 36:518–538, 2007. ISSN 03756505. doi: 10.1016/j.geothermics.2007.07.006.

Appendix A

R Code of Preamble

A.1 R Code Chunk Options

A.2 R Variables and Fuctions in the Dissertaion