

## Preface

Gratitude to the Almighty God for the completion of this final project report. The author would like to express his gratitude to the two author's supervisors: Mr. Putu Harry Gunawan and Mrs. Sri Redjeki Pudjaprasetya, for their direction, guidance and knowledge in this final project. Also not to forget a friend who has helped the author and became a friend of discussion in this final project, Ida Bagus Putu Angga Pranidhana. Thanks also to the family and friends who have provided support to the author during the process.

This report describes the final work undertaken by the author on the topics: open channel flow and sluice gates. In the next 5 chapters, the report will discuss the mathematical models and numerical methods used in the final project, the obtained results and conclusions that can be drawn from this final project. Hopefully this report can be useful for the author and readers.

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