



Project 1-6: Development of new flood estimation manual for Canada



civil AND
environmental
ENGINEERING

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Presentation Outline

- Overview of Project 1-6
- Linkages to other projects
- Progress to date
- Next steps

Project Overview

- Project was initially led by Peter Rasmussen
 - Now led by Don Burn and Fahim Ashkar
- Intent is to develop a flood estimation manual for Canada
 - Recommended techniques will be formalized through a software package

Linkage to Other Projects

- Other related projects include:
 - Project 1-1 and 1-2 (these projects provide direct input to the manual and associated software)
- Results from this project will be one of the direct deliverables from FloodNet

Progress to Date

- This project was always intended to be most active in the later stages of FloodNet
 - This arises from the need for other projects to develop techniques and associated code required for this project

Progress to Date

- Work completed and in progress
 - “Development of new flood estimation manual for Canada”
 - Presentation by Martin Durocher
 - Also looking at ungauged analysis
 - “Best-fit Statistical Distribution and Regionalization Techniques for Flood Frequency Analysis in Canada”
 - Poster presentation by Ziyang Zhang

Next steps

- Continue development of flood estimation manual and software
 - Seek input from potential users of the manual and software as to what is desired in these products
- Commence parallel development of rainfall frequency analysis component