

**CHARACTERIZATION AND MANAGEMENT OF KARST  
DRAINAGE SYSTEM BASED ON HYDROGRAPH ANALYSIS  
IN GUNUNG SEWU KARST AREA**

Thesis

Master in Planning and Management of Coastal Area and Watershed



submitted by

**Hendy Fatchurohman**

**14/374158/PGE/1150**

**FACULTY OF GEOGRAPHY  
UNIVERSITAS GADJAH MADA  
2017**