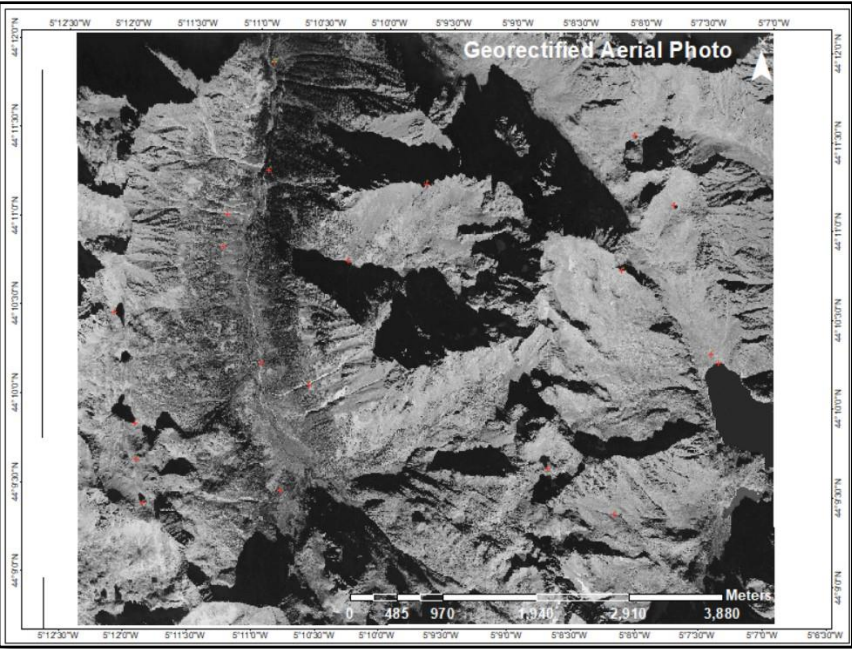


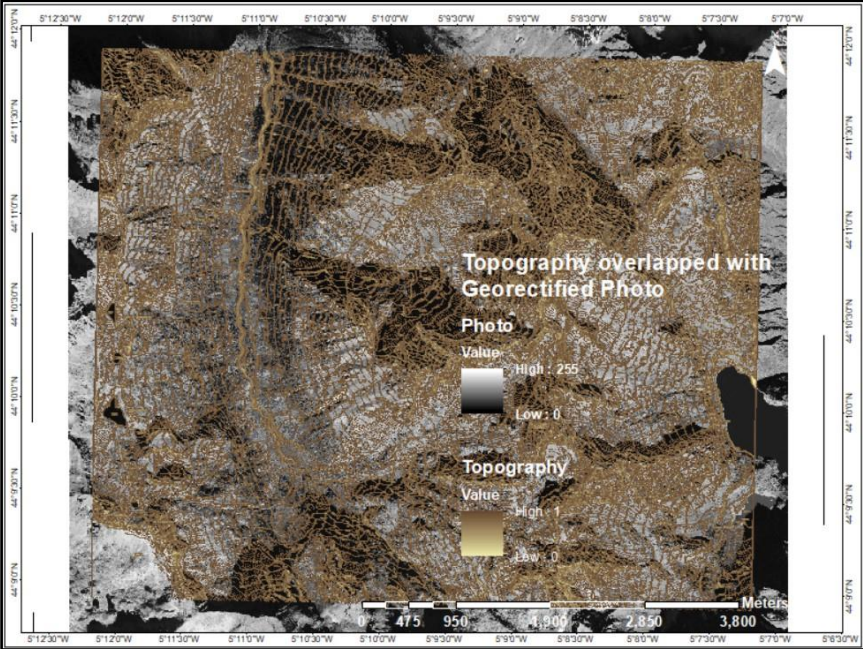
# GIS-based site suitability analysis for the identification of the ideal location for an Alpine river dam

Student ID: 52214197

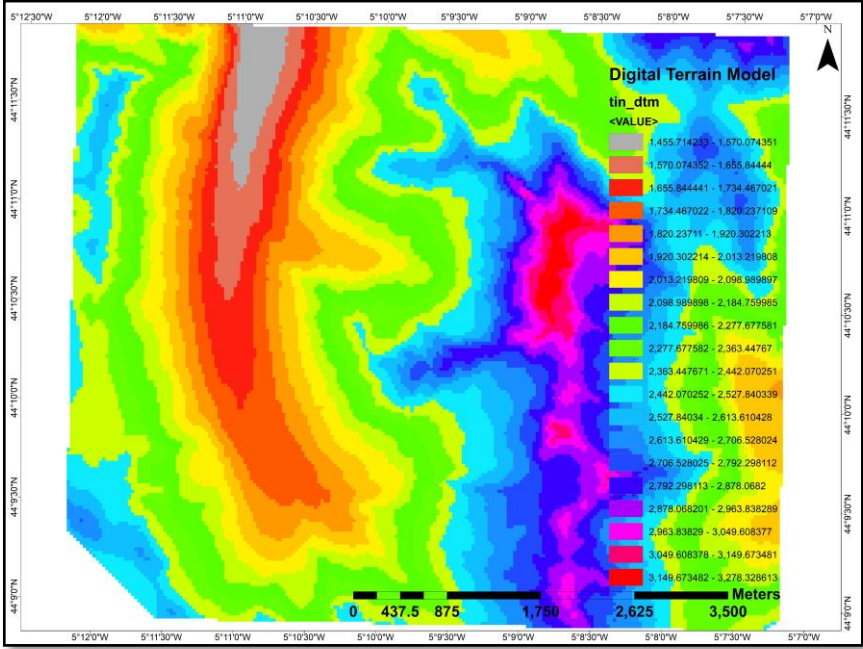
University of Aberdeen



Geo-rectified photo

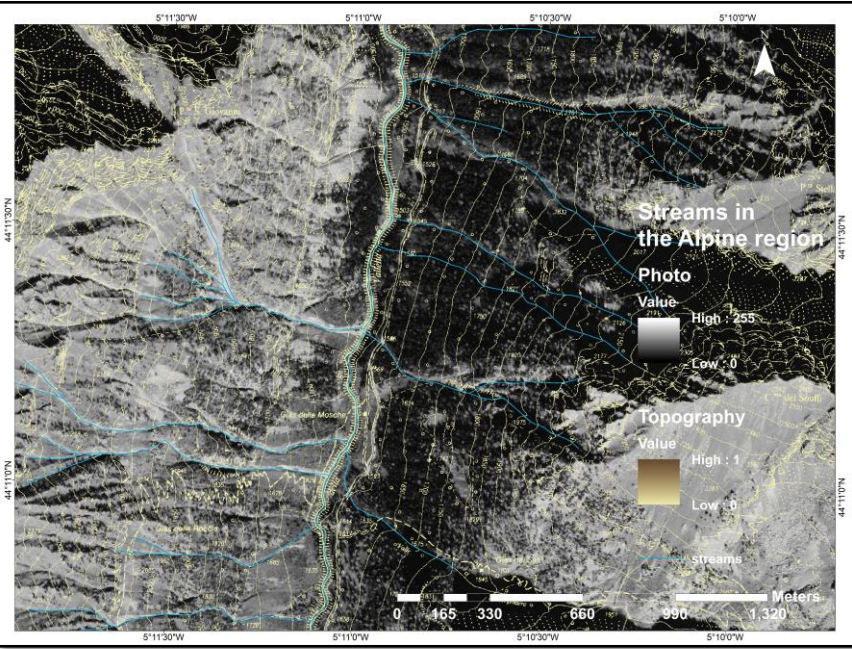


Topography aligned with photo

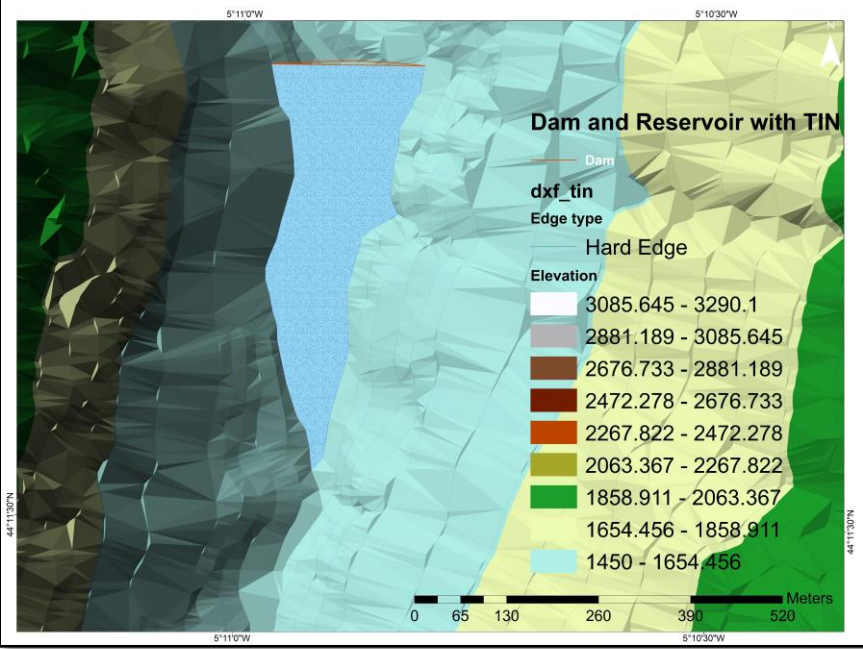


Digital Terrain Model

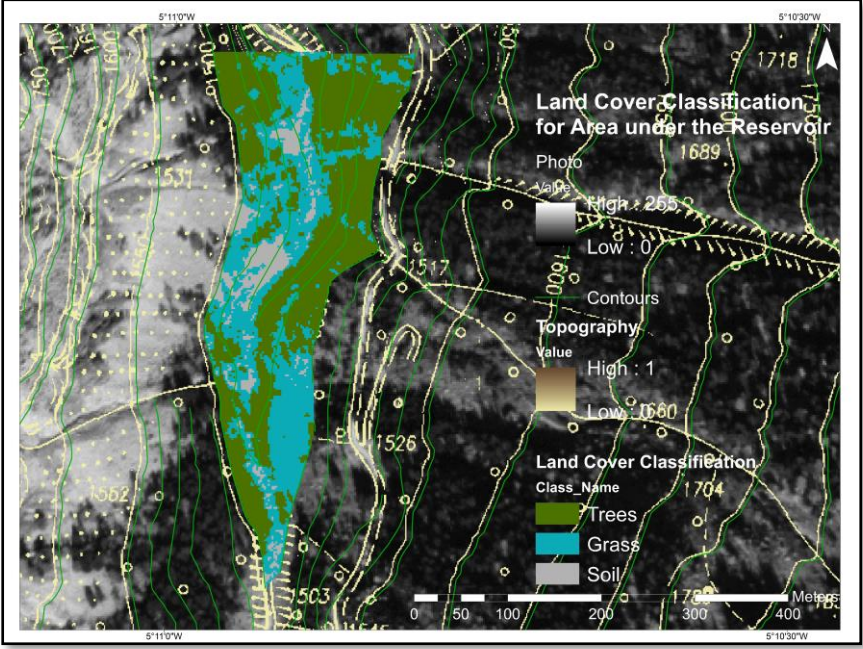
Dam and reservoir location suitability by using aerial photograph, topographic maps, triangulated irregular network, digital terrain model & land cover classification models.



Streams in Alpine region



Dam and Reservoir



Land Cover in the Reservoir area