

ABSTRACT

Area of interest of this bachelor thesis is part of Chilean Patagonia. It is spread through the Chilean regions of Los Lagos, Aysén and Magallanes. The local landscape consists of crystal blue lakes, glaciers, fjords and snow-capped mountains. Creating this landscape is involved in many endogenous and exogenous geomorphological processes. These processes take place on earth for millions of years, some of them, become to be risky when people began settling in this territory. Among these risk geomorphological processes in the countries of interest include earthquake, tsunami, volcanic activity, landslides and Glacial Lake Outburst Flood. The bachelor thesis also contains a chapter on remote sensing and its possible application in the prevention of risk processes or monitoring. The bachelor thesis is closed by a chapter with author's own assessment of these processes. The methodology of work is based on a review of foreign literature.

Keywords: *risk geomorphological processes, Patagonia, earthquake, tsunami, volcanism, landslides, GLOF, Remote Sensing*