



Tropentag, September 17-19, 2018, Ghent

“Global food security and food safety:
The role of universities”

Analysis of the Proportion of Pages in the Brazilian Environmental Impact Studies, Rationality in their Contents?

GERMAN RIVERA FERNÁNDEZ, ALBERTO FONSECA DE FREITAS

Ouro Preto Federal University, Brazil

Abstract

The environmental impact studies EIS are an essential tool for the elaboration of projects and influence in the decision making, the impact study in its content must illustrate in a technical and scientific way how the disturbed environment will be treated in the scenarios (means), physical, biotic and socioeconomic, the last scenario being a key element in the proposals of the projects, meanwhile the projects can directly change the cultural aspects, agricultural activities, economic dynamics, politics and governance, the development and sustenance of the affected communities. However, impact studies generally show amounts of information that omit the interactions between the impacts caused, the environment and society, divergences that generate inquiries among the proposals of the EIS to mitigate impacts and suspicions in its viability, besides it is slight that has been discussed about the proportions that should be placed in the EIS, originating uncertainties in the rationality of its contents. In this sense, the present analysis reviewed the number of pages deposited in 49 EIS of seven influential sectors in the Brazilian economy, in order to understand how the proportions of pages can affect the structure of the EIS and the viability of the projects; For this purpose, inferential statistics and the method of content analysis were used to examine the volume of pages of the studies, as well as a Checklist inspired by Lee et al (1999) to facilitate the analysis in the structure (areas) of the selected EIS. The article presents the numerical data obtained from the statistics indicating the volumetric proportions and the relationship between each fragment that makes up the EIS. To conclude, the article discusses the existing balance between the areas that structure the EIS explaining the existence of links in its content and the need to generate rationality connections between each topic and the scenario treated within the EIS.

Keywords: Contents, environmental impact statements, pages, proportion, rationality, scenario