



New Islamabad International Airport, Pakistan

Geotechnical expertise

2014 - 2015



PAKISTAN - Islamabad
Client

ADP INGENIERIE

Project owner

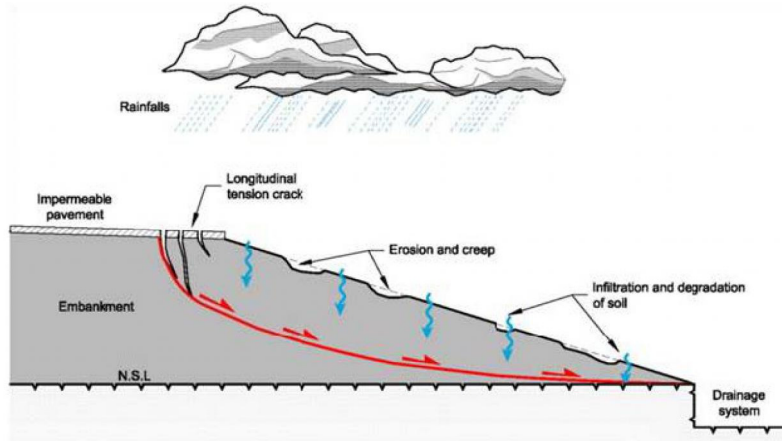
Pakistan Civil Aviation Authority

Project manager

ADPI

Miscellaneous

Very high embankment



Description of the project

ADPI is the General Project Manager for the construction of the New Islamabad International Airport for the CAA (Civil Aviation Authority).

The site of the new airport is located in a context of pre-Himalayan plain, with soils of sedimentary origin.

The specificity of the project is the construction of a very high embankment under extremely variable weather conditions: summer temperatures regularly exceed 35 °C and there are large rainfalls at the same time.

The wettest season of the year is from June to September, with heavy rains and storms.

Description of the mission

In this particular context, the construction of a high embankment requires specific precautions, and TERRASOL, at the request of ADPI, has conducted an expert geotechnical assessment of the behaviour and the construction conditions of the embankments.

Key features

- Geotechnical expertise
- Finite element modelling of the embankment behaviour with time (consolidation)