



RESEARCH PLAN

Details of the doctoral candidate

First name and surnames

Animesh Nepal

Doctoral programme

Geotechnical Engineering

Research plan title

Upscaling of multiphase flow and hydrodynamic transport in permeable media

Thesis supervisor

First name and surnames

Marco Dentz

Thesis co-supervisor (if applicable)

First name and surnames

Juan J. Hidalgo

Tutor or internal examiner (if applicable)

First name and surnames

Daniel F. Garcia

Bachelor Degree:

Civil Engineering (B.E.)

University and year:

Tribhuvan University, 2015

Master Degree:

Water Resources Engineering and Management (MSc.)

University and year:

University of Stuttgart, 2020

Research Plan

Objectives of the thesis (1 page)

State-of-art (1-3 pages)

Description of the methodology (3-5 pages)

Bibliography

Working plan (Gantt)

Expected Results

**Publications carried out and planned future publications
in indexed Journals**

**Participation in conferences and expected participation
in future conferences**

**Participation in national and international research
projects**

Signatures of all the parties:

Doctoral student

Signature and date:

Approved by the supervisor

Signature and date:

Approved by the co-supervisor

Signature and date:

Approved by the tutor

Signature and date:

The academic committee of the doctorate programme qualifies the submitted research project as:

- **Satisfactory**
- **Unsatisfactory**

Date and place

Signature of the Head of the Academic Committee

Remarks:

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