

# Forest management for enhanced wind resistance (VAL10340)



Novia University of Applied Sciences,  
Raserborg  
14.5.–26.5.2018

5 ECTS

### Learning outcomes:

On the completion the student will be able to:

- Understand what cause wind damages
- Identify especially vulnerable areas
- Understand how terrain models and LIDAR can be used to identify high risk areas
- Adapt forest management to prevent wind damages
- Compare national practices in a crisis against measures taken in other countries

### Three parts:

1. E-learning. Preparing studies + written report (30 hrs)
2. Intensive contact in Raseborg (90 hrs)  
14.5–26.5.2017
3. Reports on projects (20 hrs)

### Requirements and how to apply:

- 60 ECTS on Bachelor level is minimum requirement to be eligible to the intensive course
- Download and fill in the Nordplus grant application form from Nordnatures webpage (<http://nordnatur.net/scholarships/>) to attend the course Forest management for enhanced wind resistance, code VAL10340, scan it and a copy of your passport and mail them to: [johnny.sved@novia.fi](mailto:johnny.sved@novia.fi) and [elisabeth.riseth@inn.no](mailto:elisabeth.riseth@inn.no)

Application deadline: 6.4.2018



## **Day by day program in Rasborg:**

### Sunday 14.5.

Arrival

### Monday 15.5.

- Introduction
  - o Introduction and dissemination of reports from pre studies

### Tuesday 16.5. (stakeholders invited)

Risk management

- Prevention
  - o Meteorology, wind and its impacts on forests and forestry
- Precaution
  - o Insurance possibilities
- Reaction
  - o Crisis Management

### Wednesday 17.5.

- Forest management methods and wind damages
- Risk detection using GIS

### Thursday 18.5.

- Risk detection using GIS
- Forest management with an emphasis on creating wind resistant stands

### Friday 19.5.

- Field work in groups: Assess risks and gather data

### Saturday 20.5.

- Excursion to Jussarö (part of a national park)

### Sunday 21.5.

- Leisure

### Monday 22.5.

- Field work in groups: Assess risks and gather data

### Tuesday–Thursday 23–25.5.

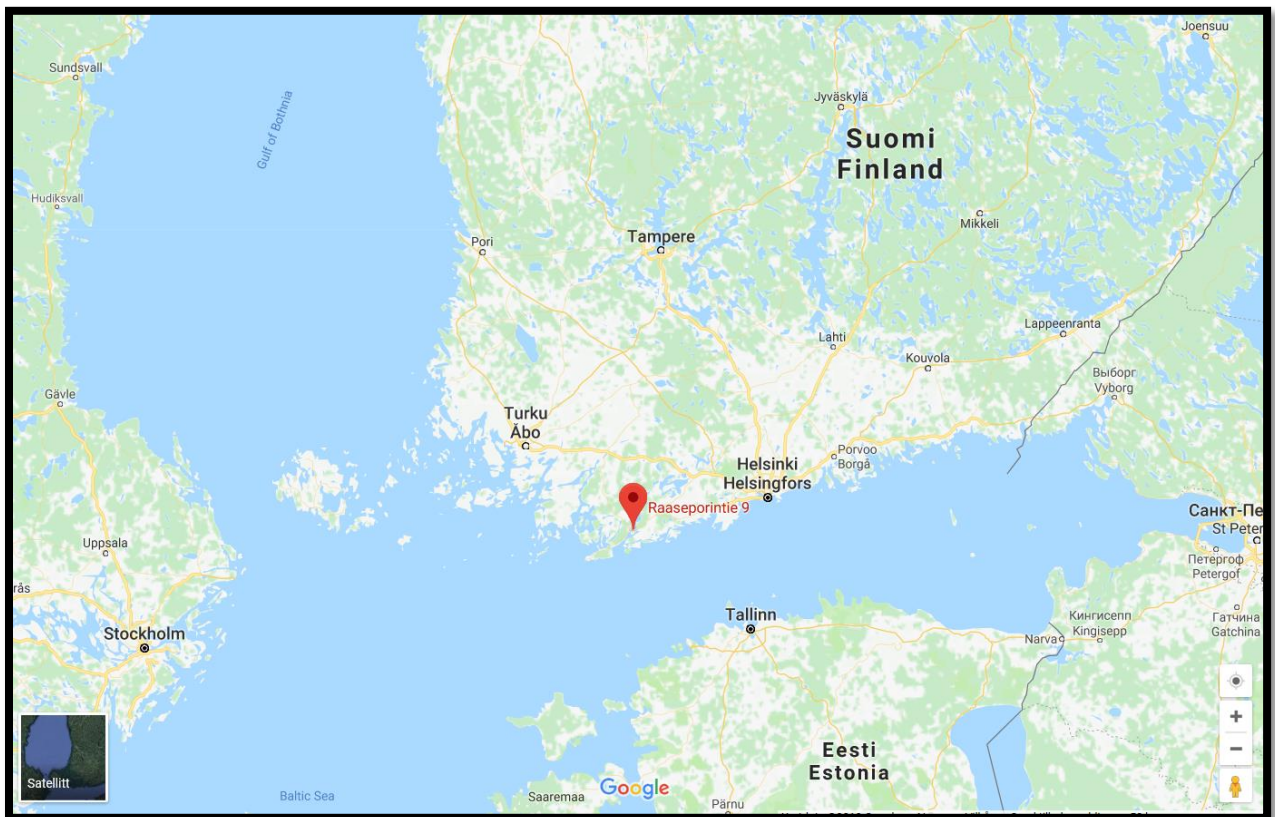
- Group work: Analysis, report and preparing presentation for final seminar

### Friday 26.5.

- Final seminar and Departure

## Where is it and how do we get there?

- Book a flight to Helsinki, we'll pick you up and transport you to Campus Raseborg  
or
- Take a ferry from Tallinn to Helsinki, drive here or we'll pick you up in the harbour  
or
- Take a ferry from Stockholm to Turku. From Turku satama a train to Tammisaari via Karjaa.



Novia University of Applied Sciences

Campus Raseborg

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