

Standard Training course: “eCognition Developer Workflows and General Analysis Strategies”

Overview

This three day course is ideal as a follow up to the “eCognition Developer: Tools and Functionalities“ course.

It begins with a general introduction to efficient project management, in the following modules advanced strategies for segmentation and classification are explained. During this course you may also work directly on your own data.

Content

- **Introduction to efficient project management:**

Learn from the experiences of eCognition consulting team in successfully setting up and implementing large scale projects.

- **Dynamic classification: Seed-grow-approach**

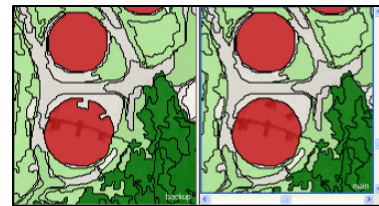
This module explains how to create an own segmentation routine using no predefined segmentation algorithm, but a series of segmentation, classification, re-segmentation and growing of objects to delineate the final objects of interest.

- **Improve Rule Set transferability I: Using measurement techniques and variables.**

In this module variables instead of fix thresholds for classification are used. The values for these variables are automatically calculated by an algorithm. The Rule Set is then applied to several subsets demonstrating the advanced transferability using this technique.

- **Intelligent object reshaping: Image object fusion and condition based region growing**

This module focuses on methods for growing and reshaping existing objects.

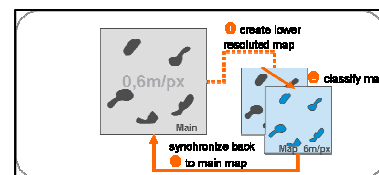


- **Independent object hierarchies, the 'maps' concept; example: Change Detection**

Maps are independent “sub-projects” which provide a high flexibility in object creation and synchronization. In this module the concept of ‘maps’ is explained using an example of Change Detection.

- **Performance improvement: Working with 'regions' and 'maps'**

This module gives an introduction on how to combine maps and regions to classify areas of interest in a fast and efficient way.



- **Working on own data**

Format/Price:

Three days instructor-led open training or in-company training; Price upon request
(eCognition_Training@trimble.com)

Prerequisites and recommendations

Prerequisites: Remote Sensing and GIS knowledge, “eCognition Developer Tools and Functionalities“ course; work experience with eCognition Developer.

Recommendation: After the course combine from one of the other modules of this section a second course or talk with us about customized training or consulting to support you in your project work. Additionally also see our “Domain Focused Training” courses.