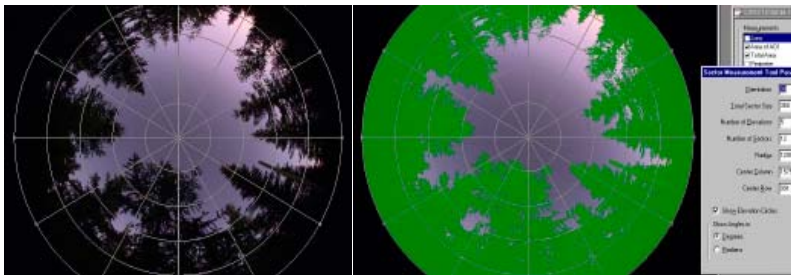
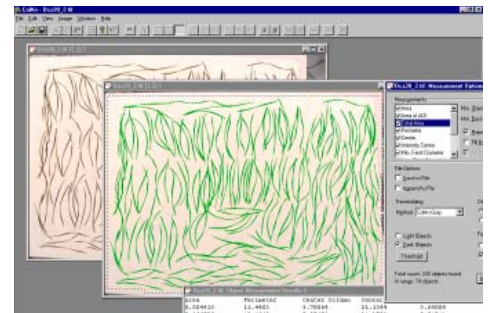


ColAnTM Colorimetric Image Analysis Program Set for Windows[®]

NEW!!! WE PROVIDE ALSO ANALYSIS SERVICES: Bring us your data and we do it for you!



Canopy/sky proportion analysis from fish-eye lens images (Finnish For. Res. Institute, Suonenjoki Res.Station; Dr. Pauline Stenberg, Univ. Helsinki).



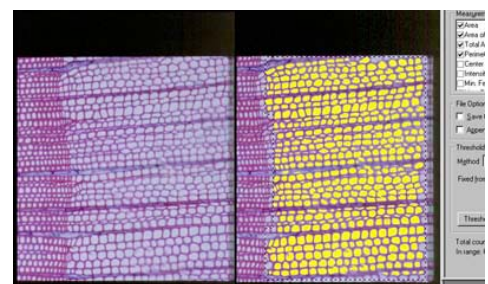
Area and other properties of needles or other objects.

Highly generalized concepts of ColAnTM makes it convenient and applicable for a wide range of target images: colors of paintings as well as biology, ecology and other natural sciences scaling from microscopy to satellite images, mechanical objects, etc.

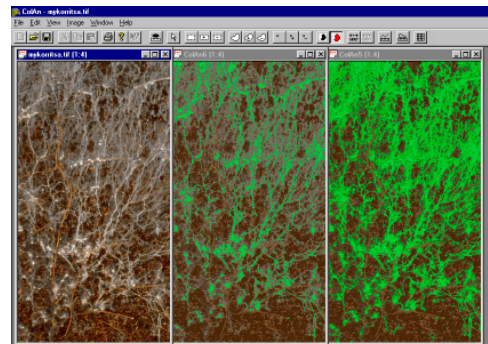
In addition to measuring standard properties of objects - number, area, color, etc., ColAnTM includes special features like canopy/sky proportion measurements from fish-eye lens images.

This far the analysis capabilities of ColAnTM have been found useful e.g. in ecological research: vegetation coverage analysis, pathogenic flecks in leaves, white root tips, quantification of mycorrhizal fungi in root systems, canopy coverage by fish-eye lens photography, tissue and cell properties.

See examples of applications of the use of ColAnTM.



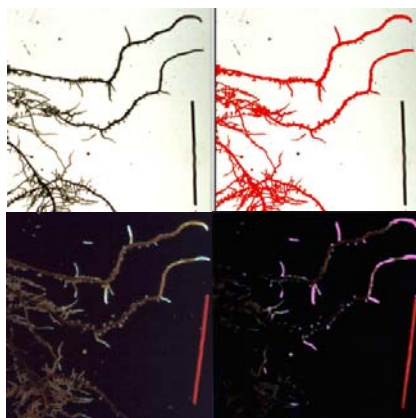
Cell size analysis, cavitation (M. Perämäki, Univ. Helsinki).



Quantification of mycorrhizal fungi (Professor Hannu Ilvesniemi, Univ. Helsinki).



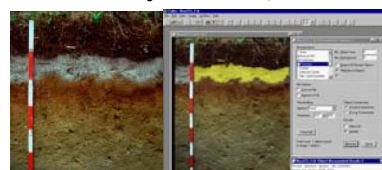
Vegetation coverage analysis on forest floors and bogs (S. Malinen, Univ. Helsinki; H. Tormilainen, Univ. Joensuu).



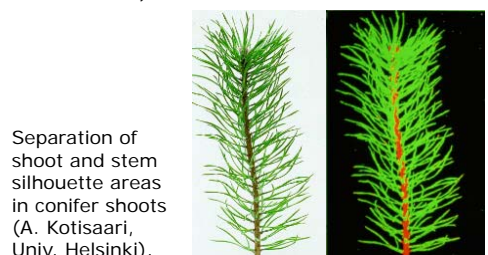
Measurements of the whole and the effective root system (white root tips). A. Kotisaari



Pathogenic flecks in leaves (Dr. Marja Poteri, Suonenjoki Res.Sta.).



Measurement of soil layers by color.



Separation of shoot and stem silhouette areas in conifer shoots (A. Kotisaari, Univ. Helsinki).