

Poster list

Posters have been assigned to conference sessions (see below) and will be visible during the whole conference. As no specific poster sessions could be programmed, poster authors are requested to be present near to their poster on one day of the conference, during the two coffee breaks, as indicated below in the margin.

Global Forest Monitoring and International reporting

Monday	2	Dynamic of deforestation in the Sepotuba River watershed State of Mato Grosso, Brazil, from 1984 to 2004 using remote sensing data	Vicente Paulo Soares, Carlos Antonio Alvares Soares Ribeiro, Edenir Maria Serigatto, João Carlos Ker, Elias Silva
	3	Towards environmental compliance and law enforcement in the Brazilian Pantanal Uplands	Carlos Antonio Alvares Soares Ribeiro, Vicente Paulo Soares, Edenir Maria Serigatto, João Carlos Ker, Elias Silva
	67	Land use and forest cover change effects on spatial distribution and temporal change of carbon storage in a typical forest management unit in Turkey	Fatih Sivrikaya, Sedat Keles, Günay Çakir, Selahattin Köse, Emin Zeki Bachkent,

Change Detection

Monday	51	Mapping forest succession and change in forest cover by succession arrest in Garhwal Himalayas based on multi-date imageries and biophysical characterization	Sunil Chandra,
	58	The use of remote sensing/GIS technology in evaluating forest cover change in the Oku montane forest of the north west province of Cameroon	Takem Mbi Bienvenu Magloire,
	77	Study on the long term of forest dynamics in the high valley of Ait Bouguemez (Central high Atlas, Morocco).	Sanae Hammi; Vincent Simonneaux; Mohamed Alifriqui; Laurent Auclair; Nicolas Montès,
	111	Changes detection in forest cover using the spectral mixture analysis of a managed area in Central Amazon,	Mabiane Carreire, Niro Higuchi, Vincent Dubreuil, Jean-Michel Walter, Keillah Mara Nascimento Barbosa, Adriano José Nogueira Lima, Vilany Matilla Colares Carneiro, Liliane Martins Teixeira

Forest Inventory, Classification & k-NN methods

Monday	49	The utility of inventory plot data for mapping forest attributes with Landsat imagery	Maureen Duane, Warren Cohen, Tara Hudiburg, John Campbell, Dave Turner and Beverly Law,
	121	Hedges and tree rows detection with e-Cognition for the use of the French national forest inventory	Cyrille BARNERIAS ans Alban DOMMANGET
	134	Can whole stand measurements based on LiDAR and orthophoto replace standard sample plots forest inventory?	P. Wezyk, R. de Kok, S. Szombara, M. Weidenbach, G. Zajaczkowski
	137	Comparison of various remote sensing data sources of spatial forest inventory attributes in Artvin forest planning unit, Turkey	Günay ÇAKIR, Fatih SIVRIKAYA, Sedat KELES, Selahattin KÖSE

Biodiversity and Landscape ecology

Monday	16	Integrating landscape metrics with NDVI for assessing spatial ecological function of mangrove forest in Peninsular Malaysia	Saiful Arif Abdullah, Mohd Hasmadi Ismail and Azian Mohti
	21	Forest ecosystems of the Volga river basin under the global climatic changes (experience of landscape-ecological prediction)	E.G. Kolomyts
	24	Mapping invasive species <i>Acacia dealbata</i> Link using satellite sensor data and GIS technologies	Helder Viana, José Aranha
	44	Mapping the spatial distribution of regeneration Gaps using ASTER imagery in temperate forests in north of Iran	Sasan Babaie Kafaki & Mataji Asadollah
	177	Modelling habitat quality for forest bird communities in Southern Finland using existing large scale datasets: a pilot study	Daisy Englert Duursma, Erkki Tomppo, Risto Väisänen, Timo Pakkala

ESA GSE-Forest Monitoring project session

Tuesday	91	An innovative algorithm based on Neural Network applied to forestry mapping in GSE Forest Spanish case	Mrs, Daniela Iasillo, Fabio Del Frate, Cosimo Putignano, Gerardo Sanchez Pena, Roberto Vallejo,
	113	Clear-cut monitoring on French region of Limousin	Anne Salvado, Nicolas Stach, Michel Deshayes, Pascal Lascaux

Large area forest monitoring using RS data

Tuesday	30	Remote sensing of forestry and the Water Framework Directive: tools for catchment management.	R Dunford, DNM Donoghue, TP Burt & R Hudson
	112	Introducing remote sensing for forestry through the UK Forestry Commission interactive website	G. Patenaude, J.C. Suarez, D. Knox, H. McKay
	115	Change in deciduous forest cover in boreal Sweden from 1940 to 2000	Anna-Lena Axelsson, Ola Sjöstedt, Nicole Suty and Göran Kempe
	184	Biomass mapping for Central Finland with Landsat images	Aleksi Lehtonen, Sakari Tuominen, Anett Schibalski and Kalle Eerikäinen

VHR studies

Tuesday	9	Testing segmentation of very high resolution imagery for prediction of forest parameters	Cristina Gomez, Jose A. Delgado, Robert Wright
	41	Forest stand delineation: texture versus shape	Frieke Van Coillie, Lieven Verbeke and Robert De Wulf
	46	Classification of Ikonos data using Idrisi Andes neural networks and Definiens (eCognition) Professional	Vladimir Zidek
	133	Approach of dynamic-affine sensor model for HRS geo-images	Luong Chinh Ke
	160	Monitoring a Forest Reserve on Single Tree Level by means of Remote Sensing, Field Survey and GIS Techniques	Géza Király
	175	Spatio Temporal Pattern Analysis of the Urban Green and Open Spaces in the Mega City of Karachi Pakistan	Salman Qureshi

HR imagery

Tuesday / Wednesday	32	Use of environmental stratification in the study of atlantic forest fragmentation in a hydrographic basin in southeastern Brazil	Jose Eduardo M Pezzopane, Yhasmin G Paiva, Kennedy R Silva, Eduardo A Santos, Andre A Quintao, Alexandre C Xavier, Roberto A Cecilio
	34	Evaluation and optimization of FCD model in estimating forest canopy density classes using data fusion methods	Masoud Taefi-Abbas Alimohammadi
	126	Multi sensor remotely sensed imagery for spectral analysis of forest types,	A. Alivernini, P. Corona, F. Giannetti, M. Marchetti, N. Puletti, G. Chirici
	162	Land use / land cover dynamics in Kudremukh National Park, Western Ghats, India.	A. N. Sringswara, Balakrishna Gowda, M. B. Shivanna and C. B. S. Dutt,

Hyperspectral & Advanced sensors

Wednesday	19	Estimating biomass and LAI in Mediterranean forests from HyMap data using objectoriented image analysis. How to define optimal objects?	Elisabeth A. Addink, Steven M. de Jong, Edzer J. Pebesma
	20	Using remotely sensed vegetation indices and spectral mixture analysis to estimate spatial patterns of rainfall interception of Quercus ilex forests	Steven M. de Jong, Elisabeth Addink, Victor G. Jetten

Lidar

Wednesday	40	Calibrating LiDAR derived canopy metrics to account for flying height in temperate forests and plantations	Dr Robert Musk and Dr Jon Osborn
	48	Influence of plot location errors on the estimation of forest parameters with LiDAR data	Johannes Breidenbach, Robert J. McGaughey, Hans-Eric Andersen, Stephen E. Reutebuch,
	106	Data acquisition for harvest scheduling using single-tree detection in LiDAR data	Jörgen Wallerman, Johan Holmgren and Lennart Moberg,
	120	Pine stand structure characterized through LiDAR data in the Spanish central mountain range	Pascual C., García Abril A., Martín S, Cohen W.B., Valbuena R., Arroyo L., Manzanera J.A.

Forest Health, Forest Damages, Fire Risk

Wednesday	11	Surface temperature changes of spruce forest stands as a result of bark beetle outbreak	Martin Hais, Tomas Kucera
	66	Spatial Resolution Effect of Tree Parameters for Forest Fire Simulation.	Akira Kato, L. Monika Moskal, Donna Calhoun,
	84	Developing prevention methods of pine wilt disease using aerial photographs and GPS	Osamu Nakakita, katsunori Nakamura, kazumasa Ota, kazuhiko Hoshizaki, kuniaki Matsuura, hayato Tashiro, tsuneo Itagaki,
	165	Remote sensing based assessment of sensitivity of tropical rainforest to El-Nino over Sulawesi, Indonesia	P. A. Propastin , O. Panfyorov , M. Kappas and S. Erasmí
	47	Detection of storm damages to forests. Kyrill-damages as an example from North Rhine-Westfalia (Germany).	Dr. Stefan Franz; Frank Franken; Dr. Andreas Müterthies; Andreas Völker
	130	Predicting Dieback in US Forests: Concepts and application of a forest health decision support system	Auclair, Allan N.D.
	186	Analysis of modis images time series to map seasonal indicators of wildfire risk.	Véronique CHERET, Jean-Philippe DENUX, Michel GAY and Warren SAMPARA

Medium and Low resolution sensors

Wednesday	79	Monitoring deforestation with Modis	Jean-François Mas, Gabriela Cuevas and Ignacio González Gutiérrez,
	92	Approaching Envisat MERIS to the national forest map	Pedrazzani, D., Yagüe Ballester, J., Vallejo Bombín, R., Fernández Centeno, G., González Alonso, F.,
	128	Land use/cover mapping in a highly biodiverse region with MODIS	Jean-François Mas, Tzitziki García and Lucia Escamilla
	146	Derivation of medium spatial resolution LAI and fPAR products from ground measurements and MODIS NDVI data	P. Propastin, A. Twelle, S. Erasmi, D. Seidel and M. Kappas

Radar & Forests

Wednesday	28	Alternative of Sar/Sipam Images use to subsidize the studies in Uatumã Biological Reserve, Amazon	Moacir Alberto Assis Campos, Cecília Maciel Barroso, José Eduardo Lahoz Da S. Ribeiro, Maria Aparecida Danizete Faria
	83	Evaluation of Classification Methods with Polarimetric ALOS/Palsar Data	Anne Lönnqvist, Heikki Ahola, Yrjö Rauste, Matthieu Molinier and Tuomas Häme,
	180	TerraSAR-X – A new platform for global weather-independent forest monitoring	Steffen Kuntz, Hanjo Kahabka

Miscellaneous

Monday / Tuesday	55	Mapping of changes in World Heritage Tropical Forests	Mikael Egberth, Håkan Olsson, Jenny Bredin, Mario Hernández, Federico-Nicolas Mazzieri and Steve Joyce,
	140	Herbaceous production estimation model to determinate sustainable pastoral use: environmental effects of land abandonment trends in a mediterranean landscape, 1984-1999.	C. J. Novillo, I. Gomez-Jimenez and R. Romero-Calcerrada
	141	Towards indicators of sustainable management of soil erosion monitoring land cover changes	I. Gomez-Jimenez, C. J. Novillo and R. Romero-Calcerrada
	176	Potential of restored landfill sites for biodiversity conservation in the UK and its context to landscape,	M.L. Rahman, D. McCollin and J. Ollerton
	183	Create a system of providing services managing a fleet of vehicles of the smes through internet	Gabriel Zainescu, Luminita Albu, Ion Smeureanu, Marian Dardala And Cristina Ciobotaru