

**Appendix: Keywords Index**  
**Volume XXXI, Part B7 - ISPRS Commission VII**

**A**

Accuracy .....	246, 287, 654
Aerial .....	365
Aerial Photogrammetry .....	7
Aerial Photography .....	308, 627
Aerial Photointerpretation .....	354
Aerial Surveying .....	83
Agriculture .....	48, 146, 298, 389, 460, 624, 673, 738, 788, 807, 811, 831
Algorithms .....	304, 341, 469, 504, 578, 716, 750, 781
Algorithms Correlation Resources .....	716
Amazon .....	204, 209, 394, 475, 599
Analysis .....	53, 178, 437, 448
Application .....	347, 372, 669, 689, 794, 807
Application Module .....	794
Aquatic Vegetation .....	192, 528
Artificial Neural Networks .....	48
Atmosphere Reflectance Polarization .....	337
Atmospheric Correction .....	831
Automated Classification .....	43
Automation .....	99, 584
AVHRR .....	448, 584, 650

**B**

Backscatter .....	683
Basement Interpretation .....	633
Biometrics .....	504
Brazil .....	555
Brazil Current .....	650
BRDF Measurement .....	493
Building Type .....	365

**C**

Cabo Frio .....	448
Calibration .....	728
Cartography .....	18
Change_Detection .....	13, 53, 66, 118, 142, 240, 257, 379, 384, 398, 465, 522, 547, 550, 557, 627, 683, 728, 744, 825
Chernobyl Disaster Monitoring .....	454
Classification .....	25, 31, 48, 53, 71, 85, 112, 136, 142, 161, 214, 226, 257, 341, 365, 425, 465, 469, 493, 510, 522, 534, 574, 589, 602, 606, 678, 683, 709, 716, 738, 763, 775, 825, 831
Classification Cross-Correlation Mining .....	716
Classification Landsat Multispectral .....	226
Close_Range .....	99
Cloud Cover Extraction .....	606
Coal Fires .....	722
Coast .....	77, 118, 252, 650, 654, 763
Coast Pollution Environment .....	557
Comparison .....	654
Comparison Remote_Sensing Data .....	123
Composite Image .....	276
Control .....	714
Corn Pattern Radiation .....	756
Correction .....	105, 522, 831
Correlation .....	321, 716
Crown closure estimation .....	123
Cultural_Heritage .....	563

CZCS Phytoplankton .....	406
--------------------------	-----

## D

Damaged Forestry Extraction .....	510
Data .....	308
Data Fusion .....	734
Data Processing Software .....	412
Database .....	131, 618, 673
Decomposition .....	196
Deforestation .....	315
Delineation Accuracy .....	354
DEM/DTM .....	66, 99, 105, 167, 221, 246, 555, 763
DEM/DTM GIS Three-dimensional .....	167
DEM/DTM Imagery Integration .....	578
Desert Monitoring Remote_Sensing .....	417
Desert Monitoring Satellite .....	417
Desertification .....	240
Developing_Countries .....	483, 483, 516
Digital .....	192, 417
Digital Image Processing .....	77
Digital Interpretation .....	699
Digital Mapping .....	811
Digital Orthoimage .....	221
Digital Three-dimensional Measurement .....	389
Digitization .....	18
Drifter Current_Meter Comparison .....	654
Dynamic .....	159, 347, 811

## E

Economy Database Visualization .....	516
Ecosystem Modeling .....	504
Endemic Species Research .....	794
Environment .....	53, 91, 167, 209, 246, 291, 347, 406, 412, 417, 454, 483, 528, 550, 568, 594, 612, 618, 722, 768, 781, 801
Environment GPS Development .....	291
Environment Monitoring .....	618
Environment Resources Monitoring .....	811
Environment Satellite Digital .....	417
Environmental Restoration Monitoring .....	91
ERDAS .....	699
Erosion Monitoring GIS .....	237
ERS-1 SAR .....	437
Estimation .....	36, 298, 337, 460, 788
Estimation Macrophytes .....	142
Expansive Soil Mapping .....	31
Exploration .....	638, 689
Extraction .....	510
Extraction Landsat Multitemporal .....	510

## F

Feature .....	66
Feature Extraction .....	66
Feature Identification Algorithms .....	750
Fluorescent Spectroscopy .....	568
Forest Fires .....	240
Forestry .....	25, 59, 123, 146, 209, 221, 246, 331, 354, 483, 510, 542, 584, 599, 602, 606, 728
Forestry Application .....	232
Forestry Change_Detection .....	728
Forestry Classification .....	186
Forsted Wetlands .....	419
Freies .....	337
Frontal Eddy .....	650

Fusion .....	186, 304, 331
Future Modeling .....	807

## G

Genetic Algorithms .....	504
Geography .....	394, 417, 431, 660, 794
Geologic Lineaments .....	750
Geology .....	1, 7, 43, 159, 161, 172, 178, 226, 262, 327, 372, 425, 475, 578, 633, 638, 669, 689, 705, 716, 722, 750
Geomatics / GIS .....	811
Geometric .....	276
Geometry .....	522
Geomorphology Low Cost .....	99
Geomorphology SAR Shuttle .....	394
Geoprocessing .....	237
Geostatistics .....	359
GIS .....	142, 221, 232, 240, 268, 271, 315, 359, 365, 419, 425, 454, 460, 516, 618, 669, 673, 794, 816
GIS Application .....	788
GIS DEM/DTM Modeling .....	167
Global .....	291, 547, 594
Global Classification filter .....	763
Global Environment Monitoring .....	291
Gold .....	161
GPS .....	131, 499, 794
GPS Image Networks .....	291
Greenland .....	744

## H

Hazardous Waste .....	612
High Temporal Resolution .....	599
High_Resolution Landscape Mapping .....	214
Hough .....	85
Human_Settlement .....	18, 287, 486, 589, 734
Human_Settlement Multispectral Scanner .....	486
Hydrology .....	1, 36, 99, 152, 359, 372, 465, 475
Hyperspectral .....	161

## I

Ice Sheets .....	744
Identification .....	528
Identification Soil_Sealing Scanner .....	486
Image .....	118, 365, 669
Image Classification .....	66
Image Interpretation .....	689
Image Interpretation Method .....	633
Image Matching Statistics .....	159
Imagery .....	91, 271, 705, 801
Imagery Landsat Multitemporal .....	801
Informativeness .....	669
Infrared .....	91, 448, 493, 550, 756
Infrared Photography .....	59
Integration .....	142, 232, 425, 557
Inter-tidal Wadden Sea .....	763
Interpretation .....	1, 178, 196, 394, 578, 633
Interpretation Landsat Multispectral .....	53
Inventory .....	618, 689, 811
Inventory Database .....	618

## J

JERS-1 .....	146
--------------	-----

## K

Knowledge\_Base Expert\_System Model ..... 673

## L

Land .....	83, 788
Land Condition Estimation .....	83
Land Degradation .....	547
Landsat .....	7, 13, 48, 71, 77, 85, 123, 136, 172, 178, 186, 204, 226, 240, 268, 271, 321, 365, 379, 384, 398, 425, 431, 437, 465, 475, 483, 510, 522, 550, 557, 578, 660, 678, 750, 775
Landsat Image Geology .....	7
Landsat Thematic Image .....	1
Landsat Thematic Mapping .....	262
Landslides .....	705
Land_Slides .....	66
Land_Slides Recognition .....	66
Land_Use .....	13, 43, 71, 112, 131, 136, 146, 209, 237, 341, 384, 522, 534, 563, 589, 624, 678, 699, 709, 738, 775, 825
Land_Use Change_Detection .....	384
Land_Use Classification .....	232, 589
Land_Use Monitoring .....	131
Laser Spark Spectroscopy .....	714
Leaf Canopy Soybean .....	756
Learning .....	775
Lesvos Lineaments Identification .....	578
Lineament Analysis .....	172, 669
Lineament Map .....	705

## M

Management .....	673, 794
Mapping .....	31, 161, 167, 172, 214, 271, 276, 281, 347, 394, 398, 417, 460, 475, 555, 633, 669, 763, 816
Marine Radar .....	252
Matching .....	389
Measurement .....	159, 406, 654
Method .....	36, 568, 606, 660
Microwave Optical Synergy .....	331
Microwave Radiometry Application .....	412
Mineral .....	689
Mineral Oil Spill .....	568
Model .....	281, 547
Modeling .....	105, 167, 196, 237, 298, 504, 660, 788, 816
Modeling Energy Budget .....	660
Modeling Radiometry Correction .....	105
Modeling Sensible Heat Flux .....	660
Monitoring .....	13, 25, 91, 131, 146, 167, 192, 204, 209, 214, 237, 268, 276, 291, 321, 331, 347, 412, 460, 499, 516, 568, 594, 599, 612, 618, 683, 714, 722, 768, 801
Monitoring Limnology Ecosystems .....	167
Mosaic .....	594, 602
Mount Pinatubo .....	437
Mountainous Terrain .....	59
Multi Sensor .....	186
multi-channel SAR .....	36
Multipolarization .....	528
Multisensoral .....	768
Multispectral .....	31, 59, 85, 123, 226, 287, 304, 308, 341, 486, 493, 638
Multispectral Classification .....	563
Multispectral Imagery .....	43
Multispectral Infrared Imagery .....	327
Multispectral Land_Use Classification .....	486
Multispectral Scanner Imagery .....	589
Multispectral SPOT Image .....	534
Multitemporal .....	53, 118, 240, 257, 379, 384, 406, 486, 510, 574, 606, 728, 768, 801, 825
Multitemporal Change_Detection .....	825
Multitemporal Classification .....	510

Multitemporal Difference Image .....	728
Multitemporal Image Classification .....	738
Multitemporal Image Interpretation .....	738
Multitemporal Satellite Image .....	118
Multitemporal Subpixel Visualization .....	159

## N

Navigation .....	499
NDVI .....	547
Networks .....	204, 291
Networks Monitoring Segmentation .....	204
Neural .....	204, 788
Neural Networks .....	71, 112, 542, 775
Non-metric .....	99
Northeast Thailand .....	516

## O

Ocean Colour .....	406
Onmixing Subspace Hyperspectral .....	781
Optical .....	315
Ore Control .....	172
Orthoimage .....	469

## P

Parameters .....	337
Parameters Estimation .....	337
Pattern Recognition .....	71
Photogrammetry .....	214, 354, 602
Photosynthetically Active Radiations .....	298
Pixel .....	574
Polarisation Signature .....	196
Polarization .....	287
Pollution .....	152, 454, 568, 618, 714, 722
Pollution Database .....	618
Post-Classification Comparison Techniques .....	53
Post-Object Classification .....	542
Potential .....	186
Predict Rice Blast .....	807
Principal Component Analyses .....	271
Principal Components Analysis .....	431
Processing .....	271, 398, 738
Profiles Measurement .....	557
Project .....	673

## Q

Quality of Life .....	431
-----------------------	-----

## R

Radar .....	252, 315, 437, 528, 705, 709
Radar Vegetation Identification .....	528
Radiation .....	337, 389
Radiometric .....	308, 522, 728
Radiometric Calibration .....	728
Radiometric Measurement .....	493
Radiometric Preprocessing MSS-Data .....	53
Radiometry .....	105, 161, 337, 412, 493, 744
Radiometry Correction Modeling .....	105
Raster .....	232
Real-time .....	584, 714
Recognition .....	1, 66
Reconstruction .....	118, 633, 781

Recording .....	291
Rectification .....	589
Red Sea Hills .....	262
Regrowth .....	204, 209
Relative Atmospheric Correction .....	384
Remote_Sensing Application Soil .....	412
Remote_Sensing Distribution .....	756
Remote_Sensing Environment GIS .....	483
Remote_Sensing Environment Monitoring .....	801
Remote_Sensing Forestry Classification .....	602
Remote_Sensing Geology .....	7
Remote_Sensing Geology Radar .....	705
Remote_Sensing Imagery .....	91
Remote_Sensing Land_Use .....	768
Remote_Sensing Modeling Algorithms .....	504
Remote_Sensing Pollution Monitoring .....	714
Remote_Sensing SAR Mapping .....	394
Remote_Sensing Soil Mapping .....	281
Remote_Sensing Vegetation .....	768
Research .....	705
Reservoir Monitoring .....	192
Resolution .....	638, 660, 734
Resource .....	673
Resources .....	232, 638, 716
Resources Agriculture .....	136
Resources Management .....	240
Rule-Based Modeling .....	419

## S

Sampling .....	624
SAR .....	36, 48, 146, 192, 196, 209, 287, 331, 394, 557, 594, 624, 627, 763
SAR Classification .....	146
SAR Global Monitoring .....	594
SAR Imagery .....	146
SAR Land_Use Agriculture .....	624
SAR Land_Use Monitoring .....	209
SAR Mosaic .....	594
SAR Multitemporal Radiometric .....	683
SAR Rainforest Monitoring .....	594
SAR SPOT Fusion .....	331
Satellite .....	85, 118, 347, 417, 654
Satellite Image .....	105
Satellite Image Mapping .....	738
Satellite Tracked Drifters .....	654
Scanner .....	486
Sea .....	406, 448, 568, 650
Sea Infrared Monitoring .....	448
Sea Monitoring .....	654
Sea Surface Modeling .....	763
Sensor .....	276
Shadow Illumination Bidirection .....	341
Signal-to-Noise Ratio .....	271
Sika Deer Habitat .....	268
Simulation .....	59, 85, 389, 469
snow-water equivalent estimation .....	36
Socio-economic .....	516
Software .....	673, 831
Soil .....	31, 237, 281, 394, 555
Soil Erosion .....	816
Soil Identification .....	31
Soil Mapping .....	555
Soil Moisture Assessment .....	281
Soil Monitoring .....	237
Soil-Moisture .....	683

South America .....	475
Space .....	599
Spatial .....	59, 246, 406
Spatial Analysis .....	359
Spatial Model Analysis .....	578
Spatial Modeling .....	660
Spectral .....	25, 59, 534
Spectral Analysis .....	744
Spectral Data .....	568
Spectral Feature Measurement .....	807
Spectral Mixture Analysis .....	226, 379
Spectral Monogeneity .....	43
Spectral Reconstruction .....	469
Spectral Transformation .....	469
Spectralon BRDF .....	493
Spectroscopy Soil Surface .....	226
SPOT .....	1, 112, 123, 178, 186, 331, 534, 542, 557, 627, 699, 734
SPOT Change_Detection Analysis .....	159
SPOT Landsat Data .....	606
Spruce .....	25
Spruce Knob .....	246
Statistics .....	359, 624
Structure .....	578, 756
Studying Ecosystems Transformations .....	347
Successional Spectral Trajectory .....	25
Surface .....	118, 493, 756
Surface Reconstruction .....	99
Surveying .....	412
Systems .....	499

## T

Technology .....	304
Tectonic LFC .....	262
Tectonic Setting .....	705
Temperature .....	584, 756
Terrestrial .....	504
Terrestrial Monitoring .....	13
The Panamazonia Project .....	483
Thematic .....	555
Thematic Map .....	555
Thematic Mapping .....	7, 83, 246
Thematic Mapping Data .....	431
Thematic Radiometry Characteristic .....	557
Thermal .....	91, 281, 486, 584
Thermal Imagery Analysis .....	91
Thermal Inertia Modeling .....	281
Thermal Modeling .....	722
Transformation .....	431
Tree volume estimation .....	123
Tropical Forest .....	315

## U

Unconventional Lithofacial In-Depth .....	633
Underwater Video .....	142
Unmixing .....	85
Updating .....	18, 734
Urban .....	71, 257, 379, 431, 709
Urban Analysis .....	365
Urban Cartography .....	734
Urban Development Monitoring .....	825
Urban Disaster .....	365
Urban Information .....	321

## V

Vector .....	159
Vegetation .....	136, 204, 214, 268, 276, 389, 398, 454, 528, 547, 574, 683, 756, 781, 831
Vegetation Monitoring .....	214, 276
Vegetation Reconstruction Algorithms .....	781
Video .....	499
Visual Interpretation .....	699
Visualization .....	469

## W

Water Quality Monitoring .....	77
Wave Direction .....	252
Wavelength .....	287
West Virginia .....	246
Wetland Vegetation Algorithms .....	781
Wild-Fire .....	584
Wildlife Management .....	268