### Class Discussion - Participation Schedule

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| **Week** | **Discussion Topic** | **Lead Student (priority1,2 or 3)** |
| Week 1 |  | *N/A* |
| Week 2 |  | N/A |
| Week 3 |  | *N/A* |
| Week 4 |  | *N/A* |
| Week 5 | *Introduction to Commercial High Resolution Satellite Imagery*  *(WorldView – GeoEye – Pleiades – QuickBird..): History, Specifications, Samples & Application Examples* |  |
| Week 6 | *Medium Resolution Satellite Imagery (Landsat-Sentinel): History, Specifications, Samples & Application Examples* |  |
| Week 7 | *Low (Medium/Moderate) Resolution Satellite Imagery (MODIS): History, Specifications, Samples & Application Examples* | *Mel Moreno Priority 1* |
| Week 8 | *MODIS Land Products (Level 3): Surface Reflectance - Vegetation Indices – Land Cover - Leaf Area Index - Gross/Net Primary production - Fraction of Photosynthetically Active Radiation – Evapotranspiration )* |  |
| Week 9 | *Spring Break* |  |
| Week 10 | *MODIS Ocean Products (Level 3): Chlorophyll Florescence and Chl-a Concentration – Suspended Solids Concentration – Organic Matter Concentration…others)* |  |
| Week 11 | *Space-born Hyperspectral Imaging Systems (Hyperion – HICO – EnMap - HySpIRI): History, Future, Specifications, Samples & Application Examples* |  |
| Week 12 | *Lidar (combined with high spatial/spectral resolution image) Applications in Natural Resource Management: Forest Structure – Land cover classification* | *Mel Moreno Priority 3* |
| Week 13 | *Lidar (combined with high spatial/spectral resolution image) Applications in Natural Resource Management…cont: Forest Structure – Land cover classification* | *Mel Moreno Priority 2* |
| Week 14 | *No Presentations – Potential Travel* |  |