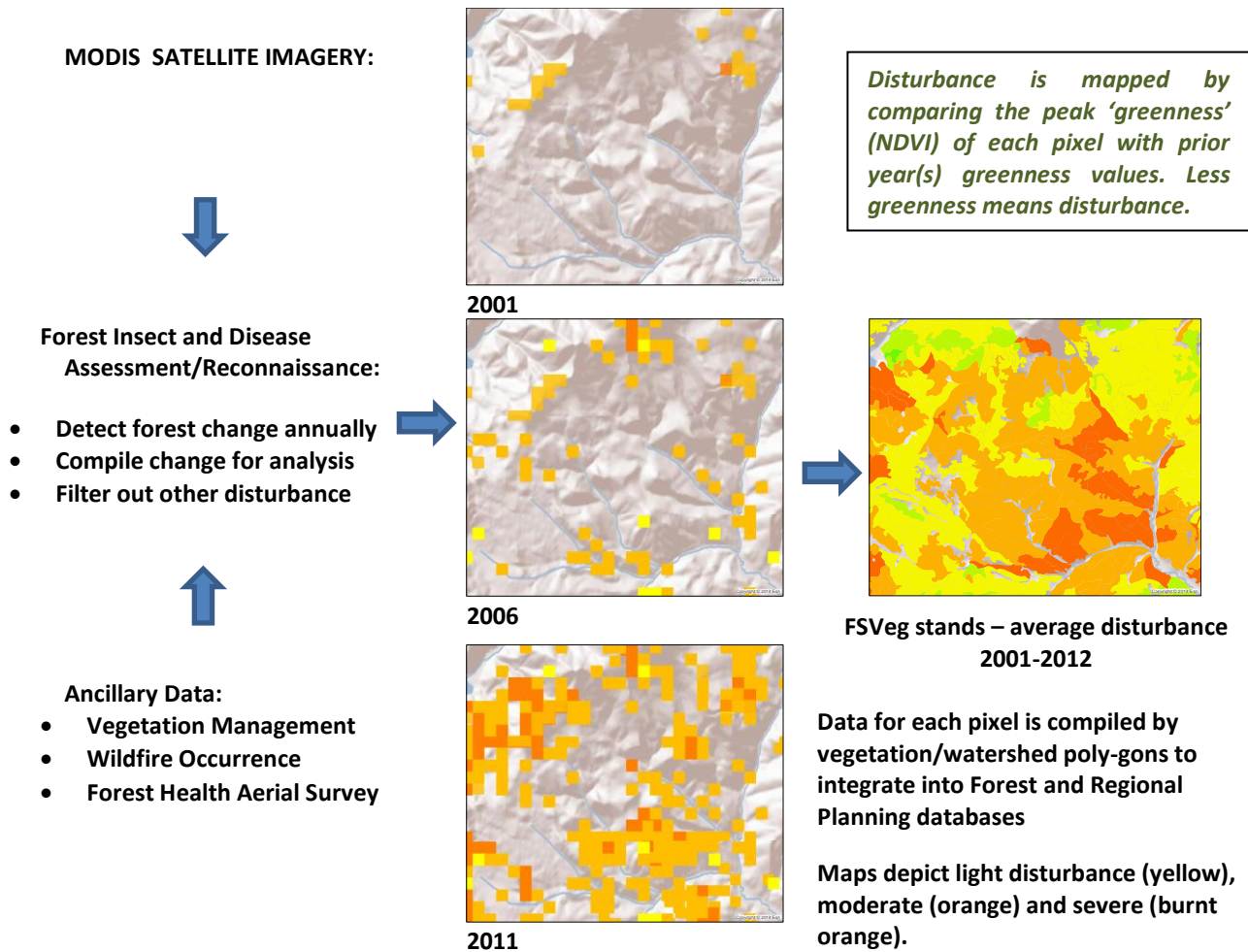


WWETAC REMOTE SENSING TOOL: Rapid Assessment of Forest Insect and Disease Disturbance: FIDAR

Forest insect and disease infestations affect thousands of acres annually in the western U.S. While other disturbance types are well documented (wildfire, vegetation management), disease, pest, and weather damage are difficult to quantify across large landscapes. Forest planning and monitoring requires managers to track this information, but traditional inventory methods are time-intensive and costly. The USDA Forest Service Western Wildlands Environmental Threat Assessment Center (WWETAC) has developed a rapid disturbance assessment tool using remotely sensed data (MODIS).



Insect and disease disturbance can be calculated for a forest/ranger district/project area in as little as two weeks.