

High-Priority Phase 7 Geospatial Support Activities

Grouping	Task	Tech Review	Approval	2024			2025								
				OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Evaluating LULC	Attribution of 100K streams with LiDAR-derived channel geomorphic characteristics: sinuosity, width, and depth	Modeling Team	Modeling WG												
Evaluating LULC	Develop non-stormwater pond density metric for evaluation in CalCAST	Modeling Team	Modeling WG												
Evaluating LULC	Develop set of impervious connectivity metrics for evaluation in CalCAST	Modeling Team, USWG	Modeling WG												
Evaluating LULC	Develop road density, septic density, and channel density metrics for evaluation in CalCAST	Modeling Team, USWG	Modeling WG												
Mapping LULC	Rollup 56 LULC classes to the P7 classification	LUWG	WQGIT												
Mapping LULC	Finalize high-resolution LULC: 2013/14, 2017/18, 2021/22	LUWG	LUWG												
MBM	Attribute P7 Main-Bay-Model with height and slope of upland/marsh interface (USGS)	Modeling Team	Modeling WG												
Modeling LULC	Forecast P7 land uses from 2021 to 2100	LUWG	WQGIT												
Modeling LULC	Backcast high-res LULC to 1985	LUWG	WQGIT												
Segmentation	Align and develop crosswalk between NHD catchments and HUC12's	Modeling Team	Modeling WG												
Segmentation	Finalize P7 segmentation: 2020 County Boundaries + orographic regions + NHD catchments (or HUC12's) + Shoreline	Modeling Team	Modeling WG												
Septic Modeling	Implement the SmartSewer expansion for all jurisdictions	Land Data Team	LUWG												
Septic Modeling	Remap septic systems using parcel data	USWG	WQGIT												
Septic Modeling	Update sewer service areas and sewer model	USWG	WQGIT												
Translating LULC	Redefine mixed open load rates and/or composition	LUWG, FWG	WQGIT												
Translating LULC	Reconcile mapped and backcast construction with reported construction	USWG	WQGIT												
Translating LULC	Update P7 summary units: CSS's and MS4's	USWG	WQGIT												
Translating LULC	Update P7 summary units: federal lands	FFWG	WQGIT												
Translating LULC	Report agriculture on federal lands	FFWG, Modeling Team	WQGIT												
Translating LULC	Reconcile mapped and backcast timber harvest with reported timber harvests	FWG	WQGIT												
Translating LULC	Reconcile cropland area and change over time from Census of Agriculture and mapped cropland	AMT, AGWG	WQGIT												
	Work in progress														
	WG review/update on methods and progress														
	Approval points														



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