Appendix D: Limited Update on Critical Figures

EcoAtlas Suite Usage Matrix

Having been updated in April 2021, **the following table supersedes the matrix on page 25 of this document**. This new update further addresses the key interrelated questions: Who uses EcoAtlas and how do they use the suite of tools?

This matrix addresses these questions by relating specific EcoAtlas functionality to organizations that employ those functions.

The update takes into account recent developments, including the functionality to accommodate the 404 program, regionalization to serve the needs of the Santa Clara Valley Water District, additional monitoring programs, and further engagement with the San Francisco Bay Restoration Authority and Southern California Wetlands Recovery Project to develop customized dashboards. Furthermore, added to this matrix are references to funding sources.

Updated 3/31/21	Tool	Habitat Restoration	Proposition 1 Grant Programs	Eelgrass Mitigation and Monitoring	San Francisco Bay Restoration Authority	Southern California Wetlands Recovery Project	South Bay Salt Pond Restoration Project	401 Certification Program	Santa Clara Valley Water District	Baseline Mapping	Integrated Shoreline Mapping	Monitoring Programs	Best Management Practices or LID	404 Program	Mosquito Vector Control	Storm Water Program	Forest Activities Program; Lake and Streambed Alteration Program	Biological Studies	404, 401, Nonpoint Source, Storm Water, HCP, NCCP
EcoAtlas Services	**Tool**	SFBJV, CVJV	WRP, CDFW, SSJDC	NOAA-NMFS	SFBRA	SCC	SBSP	SWRCB and Regional Boards	CCNEET, One Water	OPC, WQIF	BCDC	R3MP, KBMP, WRMP	KTAP	USACE	Mosquito Abatement Districts	SWRCB	CDFW, SWRCB and Regional Boards	Caltrans	Inter-program
*Provide current or past funding to support/enhance EcoAtlas Tools		SFBJV,* CVJV*	WRP, CDFW, SSJDC	NOAA-NMFS*	SFBRA*	SCC*	SBSP	SWRCB and Regional Boards	CCNEET*, One Water*	OPC*, WQIF*	BCDC*	USEPA*	KTAP*	USACE	Mosquito Abatement Districts	SWRCB	CDFW, SWRCB and Regional Boards	Caltrans*	Inter-program
Customized **views / serves data** for other tools	various	current - Habitat Projects Tool; Reports - SOTER; SFEP; Bay RMP Pulse		current - Eelgrass Tool	current - SFBRA Dashboards	in-progress - WRP Dashboards	current - SBSPRP		current - CCNEET	in-progress - OPC Dashboards	current - Resilience Atlas	current - R3MP; current - KBMP; in-progress - WRMP							
Enable **data entry**, management, display, and access	Project Tracker	current	current	current	current	current	current	current for RBs 1,2,6	in-progress		in-progress		in-progress		future				
Map, track and **view projects on common map** in context of other habitat projects	EcoAtlas	current	current	current	current	current	current	current for RBs 1,2,6	in-progress		in-progress		future		future	future	future		
View aquatic resources on map	EcoAtlas	current	current	current	current	current	current	current for RBs 1,2,6	in-progress	in-progress	in-progress	in-progress						current Advanced Migitation	
View aquatic resources through the lens of OLUs	Resilience Atlas	current								in-progress	current	in-progress							
Deliver data and reports to public	Dashboards; Group Pages	current	current	current	current - Group Page	current - Group Page	current - Group Page	in-progress	in-progress	in-progress		in-progress		future					
Summarize information in **Landscape Profile Report**	Landscape Profile Report	current	current	current	current	current	current		in-progress								future		
Track and report **costs and funding needs**	Project Tracker	current	current				current												
View **change in distribution over time**	Eelgrass Tool	future		current				current	in-progress			in-progress			future				
Customize map tools for better visualization of data	Habitat Projects Tool	current		future					current						future				
Standardize reporting of regional progress of at project and regional scales	Dashboards; Group Pages	in-progress	in-progress		current	in-progress			in-progress	in-progress	in-progress		future						
Integrate with projects from **other programs**	Landscape Profile Report	current	future	future		in-progress		future	in-progress	in-progress							in-progress	future	future

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Use **CRAM to assess wetland condition**	CRAM	future	future			current		future	current					future					
Support mitigation checklists with landscape and project information	Landscape Profile Report							in-progress	in-progress					in-progress				future	
Map, interrelate, and **view impact sites and mitigation sites on common map** in context of other habitat projects	Project Tracker							current											
Automate the **tracking and receipt of Monitoring Reports**	Project Tracker							future											
Analyze **cumulative impacts** in watersheds and develop **scenario planning tool**								future											
Develop regional plans to identify and avoid known aquatic resources										future								future	
Support coordinated project design, permitting, and assessment for watersheds																			future

Relationships of Tools to Organizations

The following new figure represents the tools in the EcoAtlas suite of tools in a more generalized form than the matrix above, along with the organizations that have demonstrated their dependency on the toolset by virtue of various publicized documentation. These documents include requirements for use of Project Tracker in planning or tracking restoration projects, required submission to Project Tracker as a prerequisite for grant funding, references to CARI, continued development and usage of GreenPlan-IT, engagement with the mapping framework and Landscape Profile Tool in the EcoAtlas Mapper, and explicit support for CRAM through re-development and training.