



**Feather
River
College**

**Feather River College
Sustainability Management Plan
2017 Progress and New
Objectives**



The Sustainability Action Team reviewed the Sustainability Management Plan, written in 2012 and last evaluated in 2015 through the “Criteria Analysis Matrix” (CAM) process, and determined a less formal approach was appropriate this time around. We identified progress and accomplishments over the last three years, and brainstormed objectives for the (mostly) near future, especially as they fit into the major goals originally laid out in the SMP.

SMP Goal	Progress & Accomplishments	New Objectives
1 Integrate Sustainability into Campus Planning	<ul style="list-style-type: none"> • Installing higher-efficiency sprinkler heads, managing automated schedules proactively • Aquasmart turf treatments more water efficient, biodegradable • Automated flush valves installed on toilets & urinals in Student Center & MPB 	<ul style="list-style-type: none"> • Weed control • Habitat monitoring and management along riparian corridor • Future new main instructional building more efficient
2 Improve Energy Practices	<ul style="list-style-type: none"> • Converting indoor lights to LED – MPB, Ag, new maintenance shop • Geothermal – new shop, Art / ORL, LRC, main Ag classroom, softball/baseball clubhouse • Virtualized servers & desktop computers in all labs • Shut off halogens on Hatchery aquaculture system and moved to greenhouse 	<ul style="list-style-type: none"> • Install PV system for Hatchery & FRF Pool (supplemental solar heater) • AB32: Reduce energy use 15% by 2020 from 1990 levels (for last 7-8 years, Nick submits reports annually) • Consider heating levels in buildings. Could they be lowered?
3 Integrate Sustainability into the Curriculum	<ul style="list-style-type: none"> • Ecological Farming Certificate approved; Fall 2018 start • See all ENVR efforts under Goal 4 	<ul style="list-style-type: none"> • Hatchery Greenhouse arriving soon – provide produce for cafeteria • See all ENVR efforts under Goal 4
4 Ecological Restoration and Monitoring	<ul style="list-style-type: none"> • 20 acres treated in 2016: thinned, piled, burned • Multi-purpose trail developed for education, recreation, and fire-break 	<ul style="list-style-type: none"> • Replace redwood water tanks, stop / reduce chlorinating; reduce overflow into riparian area and eventually Spanish Creek

	<ul style="list-style-type: none"> • Deer monitoring project ongoing since 2011 	<ul style="list-style-type: none"> • Implement Dellinger's Pond Plan per ENVR 251 • Implement Forest & Fire Management Plan (ongoing); reintroduce fire • Implement Campus Arboretum Proposal per ENVR 251 • Implement Spanish Creek Property Monitoring Plan per ENVR Department • Develop campus weed management plan in ENVR 251 • Support ENVR in creating an accessible repository for campus monitoring data
5 Transportation Efficiency	<ul style="list-style-type: none"> • Got rid of big white bus, replaced with more fuel efficient one 	<ul style="list-style-type: none"> • Reroute bike path to go right to dorms (through Ag pasture) • Improve Campus / Community Bike Connectivity: (bike path signage, promo of Bike Barn services, bike lock areas in lower campus, access to Bucks Lake Road via Spanish Creek property) • Work with Plumas Transit to reinstate bus pass for staff (ridership has declined 1500 rides in past year; many factors involved)
6 Enhance community economic relationships and cooperative sustainable practices	<ul style="list-style-type: none"> • Spring Sustainability Series: 2018 4th year. Continue 	<ul style="list-style-type: none"> • Work with Jeff Lewis to tie in sustainability-themed community service • Establish FRC as a Firewise Campus Community • Support bike commuting culture • Carbon Accounting Project?? Forestry & Soils classes • Soils & Rangeland Best Management Practices – Soils class & Ag Program • Work with cafeteria to embrace sustainable food and produce choices

Other accomplishments that don't fit neatly into the goal categories above:

- It appears some campus constituents may be recycling more – the bins on upper-campus are full more often, and Hatchery and CDC staff are bringing their recyclable materials to the Facilities Department
- We are recycling e-waste
- Progress is occurring at the student housing sites as well:
 - A high-efficiency air-to-air heat pump / HVAC system that runs down to -18°F was installed at the Pines
 - A water-bottle refill station was installed at the Pines
 - The dorm lights are getting changed to LED