

# **APPENDIX U9**

*Climate Action Reserve Protocols*





**CLIMATE  
ACTION  
RESERVE**  
(http://www.climateactionreserve.org)

CALIFORNIA OFFSET PROJECT REGISTRY  
VOLUNTARY OFFSET PROJECT REGISTRY  
(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/CLIMATE-OFFSET-PROJECT-REGISTRY)  
(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/PROJECTS/COMPLIANCE-PROJECTS/)  
CLIMATE FORWARD  
(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/CLIMATE-FORWARD/)

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**PROTOCOLS**

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**PROJECTS**  
(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/PROJECTS/)

**PROTOCOLS**  
(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/PROTOCOLS/)

**Protocols**

Adopted Protocols (HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/PROTOCOLS/)	Current Version	Date Issued	Development Status
<a href="http://www.climateactionreserve.org/how/protocols/current-coal-mine-methane-project-protocol/">Coal Mine Methane</a> (http://www.climateactionreserve.org/how/protocols/current-coal-mine-methane-project-protocol/)	1.1	October 26, 2012	Approved
<a href="http://www.climateactionreserve.org/how/protocols/coal-mine-methane/">Coal Mine Methane</a> (http://www.climateactionreserve.org/how/protocols/coal-mine-methane/)	4.0	June 28, 2017	Under revision to Version 5.0
<a href="http://www.climateactionreserve.org/how/protocols/forest/">Forest</a> (http://www.climateactionreserve.org/how/protocols/forest/)	2.0	January 18, 2017	Approved
<a href="http://www.climateactionreserve.org/how/protocols/grassland/">Grassland</a> (http://www.climateactionreserve.org/how/protocols/grassland/)	1.0	November 1, 2016	Approved
<a href="http://www.climateactionreserve.org/how/protocols/mexico-boiler-efficiency/">Mexico Boiler Efficiency</a> (http://www.climateactionreserve.org/how/protocols/mexico-boiler-efficiency/)	1.5	September 14, 2017	Approved
<a href="http://www.climateactionreserve.org/how/protocols/mexico-forest/">Mexico Forest</a> (http://www.climateactionreserve.org/how/protocols/mexico-forest/)	1.1	September 13, 2011	Approved
<a href="http://www.climateactionreserve.org/how/protocols/current-landfill-project-protocol-mexico/">Mexico Landfill</a> (http://www.climateactionreserve.org/how/protocols/current-landfill-project-protocol-mexico/)	2.0	September 29, 2010	Approved
<a href="http://www.climateactionreserve.org/how/protocols/mexico-livestock/">Mexico Livestock</a> (http://www.climateactionreserve.org/how/protocols/mexico-livestock/)	1.0	April 28, 2015	Approved
<a href="http://www.climateactionreserve.org/how/protocols/mexico-ozone-depleting-substances/">Mexico Ozone Depleting Substances</a> (http://www.climateactionreserve.org/how/protocols/mexico-ozone-depleting-substances-project-protocol/)	2.1	June 21, 2016	Approved
<a href="http://www.climateactionreserve.org/how/protocols/current-nitric-acid-production-project-protocol/">Nitric Acid Production</a> (http://www.climateactionreserve.org/how/protocols/current-nitric-acid-production-project-protocol/)	2.0	October 17, 2018	Approved
<a href="http://www.climateactionreserve.org/how/protocols/nitrogen-management/">Nitrogen Management</a> (http://www.climateactionreserve.org/how/protocols/nitrogen-management/)	1.1	July 29, 2013	Approved

<a href="http://www.climateactionreserve.org/How/Protocols/Organic-Waste-Composting/">Organic Waste Composting (Http://www.climateactionreserve.org/How/Protocols/Organic-Waste-Composting/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Organic-Waste-Digestion/">Organic Waste Digestion (Http://www.climateactionreserve.org/How/Protocols/Organic-Waste-Digestion/)</a>	2.1	January 16, 2014	Approved
<a href="http://www.climateactionreserve.org/How/Protocols/Organic-Waste-Digestion/">Organic Waste Digestion (Http://www.climateactionreserve.org/How/Protocols/Organic-Waste-Digestion/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Ozone-Depleting-Substances-Project-Protocols/">Ozone Depleting Substances (Http://www.climateactionreserve.org/How/Protocols/Ozone-Depleting-Substances-Project-Protocols/)</a>	2.0	June 27, 2012	Approved
<a href="http://www.climateactionreserve.org/How/Protocols/Ozone-Depleting-Substances/">Ozone Depleting Substances (Http://www.climateactionreserve.org/How/Protocols/Ozone-Depleting-Substances/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Rice-Cultivation/">Rice Cultivation (Http://www.climateactionreserve.org/How/Protocols/Rice-Cultivation/)</a>	1.1	June 3, 2013	Approved
<a href="http://www.climateactionreserve.org/How/Protocols/Rice-Cultivation/">Rice Cultivation (Http://www.climateactionreserve.org/How/Protocols/Rice-Cultivation/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Urban-Forest-Management/">Urban Forest Management (Http://www.climateactionreserve.org/How/Protocols/Urban-Forest-Management/)</a>	1.0	June 25, 2014	Approved
<a href="http://www.climateactionreserve.org/How/Protocols/Urban-Landfill/">U.S Landfill (Http://www.climateactionreserve.org/How/Protocols/Urban-Landfill/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Urban-Tree-Planting/">Urban Tree Planting (Http://www.climateactionreserve.org/How/Protocols/Urban-Tree-Planting/)</a>	2.0	June 25, 2014	Approved
<a href="http://www.climateactionreserve.org/How/Protocols/U.S-Livestock/">U.S Livestock (Http://www.climateactionreserve.org/How/Protocols/U.S-Livestock/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Current-Landfill-Project-Protocol/">U.S Landfill (Http://www.climateactionreserve.org/How/Protocols/Current-Landfill-Project-Protocol/)</a>	4.0	June 29, 2011	Under revision to Version 5.0
<a href="http://www.climateactionreserve.org/How/Protocols/Urban-Forest/">Urban Forest (Http://www.climateactionreserve.org/How/Protocols/Urban-Forest/)</a>	<a href="http://www.climateactionreserve.org/How/Protocols/Current-Livestock-Project-Protocol/">U.S Livestock (Http://www.climateactionreserve.org/How/Protocols/Current-Livestock-Project-Protocol/)</a>	4.0	January 23, 2013	Approved

**FUTURE PROTOCOL DEVELOPMENT**  
[\(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/FUTURE-PROTOCOL-DEVELOPMENT/\)](http://www.climateactionreserve.org/How/Future-Protocol-Development/)

**VERIFICATION**  
[\(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/VERIFICATION/\)](http://www.climateactionreserve.org/How/Verification/)

**TRAININGS**  
[\(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/TRAININGS/\)](http://www.climateactionreserve.org/How/Trainings/)

**CALIFORNIA COMPLIANCE OFFSET PROGRAM**  
[\(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/CALIFORNIA-COMPLIANCE-PROJECTS/\)](http://www.climateactionreserve.org/How/California-Compliance-Projects/)

**OFFSETS MARKETPLACE**  
[\(HTTP://WWW.CLIMATEACTIONRESERVE.ORG/HOW/OFFSETS-MARKETPLACE/\)](http://www.climateactionreserve.org/How/Offsets-Marketplace/)

**NEWSLETTER SIGN UP** ([HTTP://WWW.CLIMATEACTIONRESERVE.ORG/NEWS-AND-EVENTS/NEWSLETTER/](http://www.climateactionreserve.org/news-and-events/newsletter/)) |  
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