

Controlled Vocabulary Working Group

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<i>Title (follow link for all metadata and data)</i>	<i>Principal Investigators</i>	<i>Organization</i>	<i>All Keywords (see full view for thesaurus)</i>
ADEQ (Arizona Department of Water Quality) database on well water chemistry and discharge for the Phoenix area, locations of the wells. (knb-lter-cap.261.1)		Department of Environmental Quality	WATER DISCHARGE Inorganic Nutrients SONORAN DESERT PHOENIX chemistry urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona well Biogeochemical Patterns, Processes, and Human Outcomes gis
Afternoon transect data for modelling spatial patterns and determinants of atmospheric carbon dioxide concentrations in Phoenix metro area (knb-lter-cap.386.1)	Wentz Gober Balling Day		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area carbon dioxide urban climatology regression-based mapping geographic information systems Climate, Ecosystems and People Project id 336 caplter created gis Geosciences Human Environment Feedbacks Land Use Changes Modeling Land-Use, Land-Cover and Land Architecture Biogeochemical Patterns, Processes, and Human Outcomes
American Indian Reservation boundaries for the state of Arizona. (knb-lter-cap.26.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100

			Arizona administrative boundaries land ownership Indian Reservations Land American Indian Project id 1 gis
Arizona Meterological Network (azmet) location of weather stations (knb-lter-cap.245.1)		Arizona Meteorological Network	PRECIPITATION TEMPERATURE SONORAN DESERT WEATHER PHOENIX urban solar radiation caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona relative humidity Climate, Ecosystems and People Geosciences wind speed vapor pressure deficit climate
Assessing Biodiversity of Arbuscular Mycorrhizal Fungi: Mycorrhiza Sites (knb-lter-cap.288.1)	Stutz Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area arbuscular mycorrhizal fungi fungi mycorrhiza caplter created Project id 27 caplter core monitoring
Atmospheric Deposition Monitoring, Sites (knb-lter-cap.23.1)	Hope Anderson Grimm	Central Arizona - Phoenix Long-Term Ecological Research Site Global Institute of Sustainability, Arizona State University Ira A. Fulton School of Engineering, Arizona State University Arizona State University	PRECIPITATION ATMOSPHERE NITRATE NITROGEN PHOSPHORUS Inorganic Nutrients POTASSIUM SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area deposition anion cation phosphate ammonia magnesium sodium

			calcium dry deposition wet deposition Arizona Biogeochemical Patterns, Processes, and Human Outcomes Project id 31 caplter created gis caplter core monitoring
Canal Study GRID 1962 (knb-lter-cap.295.1)	Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 35 gis caplter created
Central Arizona Phoenix LTER Study Area (knb-lter-cap.569.1)	Central Arizona Phoenix Long Term Ecological Research Project	Central Arizona Phoenix Long Term Ecological Research Project	boundary study area Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
Century-scale Channel Change: Sites (knb-lter-cap.113.2)	Roberge Cervený Graf	Arizona State University Arizona State University Arizona State University	RIVER SONORAN DESERT PHOENIX urban gis caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Salt River channel Water Dynamics in a Desert City Geosciences Project id 5 caplter created gis
Change in percent of hispanic population from 1980 - 2000 (knb-lter-cap.25.1)		US Census Bureau	DEMOGRAPHY SONORAN DESERT POPULATION PHOENIX urban hispanic caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100

			Arizona maricopa yavapai pinal Change in hispanic Population Project id 60 pinal gis
Cross sections for the Flood Insurance Rate Maps (FIRM) (knb-lter-cap.564.1)	Maricopa County Flood Control District	Maricopa County Flood Control District	cross sections Flood Insurance Rate Maps Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
Database of Geographic Information: A point coverage of cities, towns and villages in Arizona. (knb-lter-cap.170.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona City locations town Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: Canals in the Phoenix metropolitan area (knb-lter-cap.243.1)		Maricopa Flood Control District	CANALS SONORAN DESERT MARICOPA COUNTY PHOENIX urban informatics gis caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile Land-Use and Land-Cover Change Water Policy, Use, and Supply Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: County Boundaries (knb-lter-cap.171.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area

			gp2100 Arizona administrative boundaries counties County boudaries Land Status Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: Hydrologic unit code areas (knb-lter-cap.172.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona Hydrologic Unit Codes Drainage Basin Ariznona Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: Integrated data layers of Public Land Survey, land ownership and county data (knb-lter-cap.175.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona administrative boundaries land ownership Land Status Public Land Survey System Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: Landownership Information Summary (knb-lter-cap.177.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona administrative boundaries land ownership Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: Riparian Vegetation (knb-lter-cap.180.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT RIPARIAN PHOENIX

			urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona vegetarian Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: Topographic Map of Central Arizona (knb-lter-cap.220.1)	Buyantuyev	Arizona State University	SONORAN DESERT PHOENIX urban Elevation informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Digital Elevation Model contours isolines topomap Database Remote Sensing GIS Applications Project id 1 gis remote sensing
Database of Geographic Information: USGS 1:24000 quadrangle boundaries (knb-lter-cap.178.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona coordinate frame quadrangle boundaries quads topos Database Remote Sensing GIS Applications Project id 1
Database of Geographic Information: USGS 240k quadrangle boundaries for State of Arizona (knb-lter-cap.179.1)		Arizona Land Resource Information System (ALRIS)	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona coordinate frame quadrangle boundaries

			quads topos Project id 1 Database Remote Sensing GIS Applications
Dissolved organic carbon dynamics in an urban desert stream ecosystem: Sites (knb-lter-cap.258.1)	Edmonds Grimm	Arizona State University Arizona State University	GILA RIVER STREAM Inorganic Nutrients SONORAN DESERT PHOENIX water chemistry desert caplter created urban canal caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Biogeochemical Patterns, Processes, and Human Outcomes dissolved organic carbon Project id 80 gis
Ecological and Social Interactions in Urban Parks: Sites (knb-lter-cap.257.1)	Kinzig Martin Machabee Warren	Arizona State University Arizona State University Arizona State University University of Massachusetts-Amherst	BIRDS SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona vegetation Human Decisions and Biodiversity Populations Primary Production social class economic class Project id 52 caplter created gis
Effects of Urban Horticulture on Insect Pollinator Community Structure: Sites (knb-lter-cap.120.1)	McIntyre	Texas Tech University	SONORAN DESERT PHOENIX desert urban mesic park xeric caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona insects pollinator Human Decisions and Biodiversity Populations

			Project id 26 caplter created gis
Environmental Risk and Justice: Facilities 1990 locations from Toxic Release Inventory (knb-lter-cap.161.1)	Bolin Atwood	Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa geocoded addresses facilities Toxicity Hazardous Land-Use, Land-Cover and Land Architecture Human Environment Feedbacks Biogeochemical Patterns, Processes, and Human Outcomes Project id 32 gis
Environmental Risk and Justice: Facilities 1995 with Toxic Release Inventory data (knb-lter-cap.162.1)	Bolin Atwood	Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa geocoded addresses facilities Toxicity Hazardous Land-Use, Land-Cover and Land Architecture Biogeochemical Patterns, Processes, and Human Outcomes Human Environment Feedbacks Project id 32 gis
Environmental Risk and Justice: Facilities 1995 with Toxic Release Inventory data in 1970 tracts (knb-lter-cap.163.1)	Bolin Atwood	Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa geocoded addresses facilities Toxicity Hazardous Land-Use, Land-Cover and Land Architecture Biogeochemical Patterns, Processes, and Human Outcomes

			Human Environment Feedbacks Project id 32 gis
Environmental Risk and Justice: Facilities 2000 with Toxic Release Inventory data (knb-lter-cap.165.1)	Bolin Atwood	Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa geocoded addresses facilities Toxicity Hazardous Land-Use, Land-Cover and Land Architecture Biogeochemical Patterns, Processes, and Human Outcomes Human Environment Feedbacks Project id 32 gis
Environmental Risk and Justice: Facilities 2000 with Toxic Release Inventory data in 1970 tracts (knb-lter-cap.164.1)	Bolin Atwood	Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa geocoded addresses facilities Toxicity Hazardous Land-Use, Land-Cover and Land Architecture Project id 32 Biogeochemical Patterns, Processes, and Human Outcomes Human Environment Feedbacks gis
Flood Insurance Rate Map (FIRM) panel boundaries (knb-lter-cap.567.1)	Maricopa County Flood Control District	Maricopa County Flood Control District	Flood Insurance Rate Maps Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
Floodplain zones as approved by the Federal Emergency Management Agency (FEMA) for the Flood Insurance Rate Maps (FIRM). (knb-lter-cap.566.1)	Maricopa County Flood Control District	Maricopa County Flood Control District	floodplain zones Flood Insurance Rate Maps Phoenix Arizona Sonoran Desert caplter

			Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
Floodplain zones computed by the Flood Control District of Maricopa County (FCDMC) (knb-lter-cap.565.1)	Maricopa County Flood Control District	Maricopa County Flood Control District	floodplain zones Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
General Age of Adults (21 to 74 Years), 2000 (knb-lter-cap.24.1)		US Census Bureau	DEMOGRAPHY SONORAN DESERT PHOENIX urban AGE caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona maricopa yavapai pinal census population gis caplter created Project id 60
Hispanic population as percentage of total population - 2000 (knb-lter-cap.19.1)		US Census Bureau	DEMOGRAPHY SONORAN DESERT POPULATION PHOENIX urban hispanic caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona maricopa yavapai Project id 60 gis
Historical Land Use Database: Landuse at one square mile around the survey 200 plots 1980 (knb-lter-cap.229.1)	Hutchins Redman Smith	Arizona State University Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban gis historic landuse caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area

			Landuse caplter created Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19
Historical Land Use Database: Landuse at one square mile around the survey 200 plots 1990 (knb-lter-cap.230.1)	Hutchins Redman Smith	Arizona State University Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban gis historic landuse caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19 caplter created
Historical Land Use Database: Landuse at one square mile around the survey 200 plots 2000 (knb-lter-cap.232.1)	Hutchins Redman Smith	Arizona State University Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban gis historic landuse caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19 caplter created
Hubbard Brook 10ft contours (knb-lter- hbr.92.2)	Campbell	USDA Forest Service	elevation contour US Forest Service topography Hubbard Brook New Hampshire
Hubbard Brook 500m Grid (knb-lter- hbr.110.2)	Campbell	USDA Forest Service	grid US Forest Service Hubbard Brook New Hampshire
Hubbard Brook 50ft contours (knb-lter- hbr.93.2)	Campbell	USDA Forest Service	elevation contour US Forest Service topography Hubbard Brook New Hampshire
Hubbard Brook Bedrock Geology (knb-lter-hbr.103.2)	Campbell	USDA Forest Service	geology bedrock US Forest Service Hubbard Brook

Hubbard Brook Benchmarks (knb-lter-hbr.101.2)	Campbell	USDA Forest Service	New Hampshire benchmark survey US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Big Boundary (knb-lter-hbr.89.2)	Campbell	USDA Forest Service	boundary property US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Buildings (knb-lter-hbr.102.2)	Campbell	USDA Forest Service	buildings US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Drill Holes (knb-lter-hbr.106.2)	Campbell	USDA Forest Service	drill holes bedding US Forest Service geology Hubbard Brook New Hampshire
Hubbard Brook Fault Zones (knb-lter-hbr.104.2)	Campbell	USDA Forest Service	fault geology US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Hydrography (knb-lter-hbr.95.2)	Campbell	USDA Forest Service	streams lakes US Forest Service hydrology water Hubbard Brook New Hampshire
Hubbard Brook Major Vegetation Units (knb-lter-hbr.97.2)	Campbell	USDA Forest Service	vegetation covertype US Forest Service trees Hubbard Brook New Hampshire
Hubbard Brook Peaks (knb-lter-hbr.111.2)	Campbell	USDA Forest Service	mountain peak US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Rain Gages (knb-lter-hbr.100.2)	Campbell	USDA Forest Service	rain gages US Forest Service weather stations Hubbard Brook New Hampshire
Hubbard Brook Roads (knb-lter-hbr.108.2)	Campbell	USDA Forest Service	roads trails US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Rock Outcrops (knb-lter-hbr.105.2)	Campbell	USDA Forest Service	outcrop rock US Forest Service Hubbard Brook New Hampshire

Hubbard Brook Route 93 (knb-lter-hbr.109.2)	Campbell	USDA Forest Service	roads highway US Geological Survey interstate 93 Hubbard Brook New Hampshire
Hubbard Brook Schwarz Plots (knb-lter-hbr.112.2)	Campbell	USDA Forest Service	plots schwarz US Geological Survey vegetation Hubbard Brook New Hampshire
Hubbard Brook Small Boundary (knb-lter-hbr.90.2)	Campbell	USDA Forest Service	boundary property US Forest Service Hubbard Brook New Hampshire
Hubbard Brook Soil Associations (knb-lter-hbr.96.2)	Campbell	USDA Forest Service	soils US Forest Service Hubbard Brook New Hampshire
Hubbard Brook USGS 40ft Contours (knb-lter-hbr.91.2)	Campbell	USDA Forest Service	contour elevation US Geological Survey topography Hubbard Brook New Hampshire
Hubbard Brook Watershed Boundaries (knb-lter-hbr.94.2)	Campbell	USDA Forest Service	watersheds hydrology US Forest Service streams Hubbard Brook New Hampshire
Hubbard Brook Weirs (knb-lter-hbr.107.2)	Campbell	USDA Forest Service	weirs stream US Forest Service Hubbard Brook New Hampshire
Indian Bend Wash Floodplain 1 (knb-lter-cap.303.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Clip Output (knb-lter-cap.301.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44

			Project id 205 gis caplter created
Indian Bend Wash GIS CoverDOQQ (knb-lter-cap.302.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS GRID1935 (knb-lter-cap.304.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS GRID1972 (knb-lter-cap.296.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS GRID1978 (knb-lter-cap.297.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS GRID1987 (knb-lter-cap.298.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area

			Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS GRID1997 (knb-lter-cap.299.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS GRID2000 (knb-lter-cap.305.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Lake Layer (knb-lter-cap.309.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Lake V Layer (knb-lter-cap.310.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Mask II (knb-lter- cap.306.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban

			metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Park Turf II Layer (knb-lter-cap.311.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Parks Studied (knb-lter-cap.313.1)	Roach Grimm Buyantuyev		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash GIS Watershed Canal Union (knb-lter-cap.300.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash Parks GIS (knb-lter- cap.312.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash Problem Zones (knb-lter-cap.314.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research

			urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash Stream Guages (knb-lter-cap.316.1)	Roach Grimm		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash Vegetation GIS Layer (knb-lter-cap.308.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Indian Bend Wash Watershed clipped GIS (knb-lter-cap.307.1)	Roach Grimm Buyantuyev	Global Institute of Sustainability	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Project id 44 Project id 205 gis caplter created
Land Use Effects on Temperature and Humidity along a Urban-Rural Transect Gradient: Sites (knb-lter-cap.29.1)	Brazel Hedquist	Central Arizona - Phoenix Long-Term Ecological Research Site Global Institute of Sustainability, Arizona State University School of Geographical Sciences, Arizona State University	TEMPERATURE SONORAN DESERT MARICOPA COUNTY PHOENIX urban gis caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona shapefile relative humidity heat index transect Climate, Ecosystems and People Land Use Changes

			Project id 49 caplter created gis
Land use change 1912 to 1995 (knb-lter-cap.69.1)		CAP LTER	HISTORY SONORAN DESERT LAND USE PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona maricopa yavapai greater phoenix pinal Project id 19 gis caplter created Land-Use, Land-Cover and Land Architecture Land Use Changes
Landuse Classification 1912 (knb-lter-cap.1.1)	Moritz Hutchins Knowles-Yanez Bucchin McCartney Redman	Central Arizona - Phoenix Long-Term Ecological Research Site School of Human Evolution and Social Change, Arizona State University Arizona State University Arizona State University Global Institute of Sustainability, Arizona State University Global Institute of Sustainability, Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19 caplter created gis 1912 Landuse classification landuse 1912 Landuse
Landuse Classification 1934 (knb-lter-cap.8.1)	Moritz Hutchins Knowles-Yanez Bucchin McCartney Redman	Arizona State University Arizona State University Arizona State University Arizona State University Arizona State University	SONORAN DESERT PHOENIX urban 1934 caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse classification Project id 19 Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes caplter created gis

Landuse Classification 1955 (knb-lter-cap.12.1)	Moritz Hutchins Knowles-Yanez Bucchin McCartney Redman	Central Arizona - Phoenix Long-Term Ecological Research Site School of Human Evolution and Social Change, Arizona State University Arizona State University Arizona State University Global Institute of Sustainability, Arizona State University Global Institute of Sustainability, Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19 caplter created gis 1955 Landuse classification landuse 1955 Landuse
Landuse Classification 1975 (knb-lter-cap.16.1)	Moritz Hutchins Knowles-Yanez Bucchin McCartney Redman	Central Arizona - Phoenix Long-Term Ecological Research Site School of Human Evolution and Social Change, Arizona State University Arizona State University Arizona State University Global Institute of Sustainability, Arizona State University Global Institute of Sustainability, Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19 caplter created gis 1975 Landuse classification landuse 1975 Landuse
Landuse Classification 1995 (knb-lter-cap.18.1)	Moritz Hutchins Knowles-Yanez Bucchin McCartney Redman	Central Arizona - Phoenix Long-Term Ecological Research Site School of Human Evolution and Social Change, Arizona State University Arizona State University Arizona State University Global Institute of Sustainability, Arizona State University Global Institute of Sustainability, Arizona State University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 19 caplter created gis 1995 Landuse classification landuse 1995 Landuse
Landuse Classification 2000 (knb-lter-cap.248.1)	Redman Hutchins Kunda	>Global Institute of Sustainability Arizona State University Arizona State University Arizona State University	SONORAN DESERT LAND USE PHOENIX urban caplter Central Arizona Phoenix Longterm

			Ecological Research metropolitan area Arizona caplter created Land-Use and Land-Cover Change Land Use Changes Project id 19 gis
Landuse map of the Maricopa County (1995) (knb-lter-cap.368.1)		Maricopa Association of Governments	Phoenix Arizona Sonoran Desert Maricopa County caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area MAG Maricopa Association of Governments Land use gis
Landuse map of the Maricopa County (2000) (knb-lter-cap.369.1)		Maricopa Association of Governments	Phoenix Arizona Sonoran Desert Maricopa County caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area MAG Maricopa Association of Governments Land use gis
Lichen Resurvey with Heavy Metal Analysis: Distribution of industiral lead emissions in Maricopa county (knb-lter- cap.135.1)	Zschau	Arizona State University	Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY PHOENIX urban gis industry caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile heavy metal emission EPA Project id 9 Lead Biogeochemical Patterns, Processes, and Human Outcomes
Lichen Resurvey with Heavy Metal Analysis: Distribution of industrial nickel emissions in Maricopa county (knb-lter-	Zschau	Arizona State University	Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY

cap.132.1)			PHOENIX urban gis industry caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile heavy metal emission EPA Project id 9 Nickel Biogeochemical Patterns, Processes, and Human Outcomes
Lichen Resurvey with Heavy Metal Analysis: Distribution of industrial zinc emissions in Maricopa county (knb-lter- cap.139.1)	Zschau	Arizona State University	Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY PHOENIX urban gis industry caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile heavy metal emission EPA Project id 9 Zinc Biogeochemical Patterns, Processes, and Human Outcomes
Lichen Resurvey with Heavy Metal Analysis: Distribution of industrial chromium emissions in Maricopa county (knb-lter-cap.127.1)	Zschau	Arizona State University	Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY PHOENIX urban gis industry caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile heavy metal Chromium emission EPA Biogeochemical Patterns, Processes, and Human Outcomes Project id 9
Lichen Resurvey with Heavy Metal Analysis: Distribution of industrial copper emissions in Maricopa county (knb-lter-	Zschau	Arizona State University	Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY

cap.129.1)			PHOENIX COPPER urban gis industry caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile heavy metal emission EPA Biogeochemical Patterns, Processes, and Human Outcomes Project id 9
Lichen Resurvey with Heavy Metal Analysis: Sites (knb-lter-cap.115.1)	Gries Zschau	Arizona State University Arizona State University	Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY PHOENIX urban Project id 9 gis sites survey tissue content caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile concentration heavy metal lichen caplter created Biogeochemical Patterns, Processes, and Human Outcomes gis
Longterm Monitoring of Ground Arthropod Biodiversity: Sites (knb-lter-cap.116.1)	Shochat Hostetler McIntyre Faeth Fagan	Arizona State University Arizona State University Texas Tech University Arizona State University Arizona State University	MONITORING SONORAN DESERT MARICOPA COUNTY PHOENIX urban arthropod survey caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona pitfall trap insect caplter created Human Decisions and Biodiversity Populations Project id 10 caplter core monitoring gis

Longterm Water Monitoring: Sites (knb-lter-cap.114.1)	Hope Edmonds Baker Grimm	Arizona State University Arizona State University Baker Environmental Consulting, Inc. Arizona State University	WATER MONITORING Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY PHOENIX urban gis caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona shapefile nutrient concentration Biogeochemical Patterns, Processes, and Human Outcomes Project id 8 caplter created caplter core monitoring
Longterm monitoring of primary productivity of trees: Sites (knb-lter- cap.254.1)	Stabler Martin Bills Celestian Singer	Arizona State University Arizona State University Arizona State University Arizona State University Arizona State University East	SONORAN DESERT PHOENIX primary productivity urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona caplter created Climate, Ecosystems and People Primary Production tree growth Project id 58 caplter core monitoring gis
Microclimate measurement, HOBO stations at permanent plots, sites (knb-lter- cap.247.1)	Martin Hope Grimm Brazel	Arizona State University Arizona State University Arizona State University Department of Geography, Arizona State University	TEMPERATURE SONORAN DESERT PHOENIX urban weather station caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona relative humidity Climate, Ecosystems and People Geosciences vapor pressure deficit micro climate soil moisture net radiation meterology photosynthetically active radiation PAR caplter created gis

Morning transect data for modelling spatial patterns and determinants of atmospheric carbon dioxide concentrations in Phoenix metro area (knb-lter-cap.384.1)	Wentz Gober Balling Day	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area carbon dioxide urban climatology regression-based mapping geographic information systems Climate, Ecosystems and People Project id 336 caplter created gis Geosciences Human Environment Feedbacks Land Use Changes Modeling Land-Use, Land-Cover and Land Architecture Biogeochemical Patterns, Processes, and Human Outcomes
NHLD Docks (Course Woody Debris study) (knb-lter-ntl.141.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Northern Highlands Lake District coarse woody debris docks
NHLD Land Use / Land Cover - 1930s (knb-lter-ntl.142.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Northern Highlands Lake District land use land cover historical
NHLD Land Use / Land Cover - 1960s (knb-lter-ntl.143.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Northern Highlands Lake District land use land cover historical
NHLD Land Use / Land Cover - 1990s (knb-lter-ntl.144.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Northern Highlands Lake District land use land cover historical
NHLD Logs (Course Woody Debris study) (knb-lter-ntl.138.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Northern Highlands Lake District coarse woody debris logs
NHLD Shoreline Development Index (CWD project) (knb-lter-ntl.140.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Northern Highlands Lake District coarse woody debris shoreline development index
NHLD Study Lakes (knb-lter-ntl.135.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region primary study lakes Allequash Lake Big Muskellunge Lake Crystal Bog Crystal Lake Sparkling Lake

			Trout Bog Trout Lake WBIC SHAID Lake ID
NHLD Trees (Course Woody Debris study) (knb-lter-ntl.139.4)	North Temperate Lakes Long-Term Ecological Research Site		NTL-LTER Northern Highlands Lake District coarse woody debris trees
New Hampshire State Boundary (knb-lter-hbr.115.2)	Campbell	USDA Forest Service	boundary digital line graph DLG Hubbard Brook New Hampshire
Noise countours of Phoenix Sky Harbor International Airport - year 1999 (knb-lter-cap.506.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport noise
Noise countours of Phoenix Sky Harbor International Airport - year 2004 (knb-lter-cap.509.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport noise
Noise countours of Phoenix Sky Harbor International Airport - year 2015 (knb-lter-cap.512.1)	N/A		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport noise
Noise polygons of Phoenix Sky Harbor International Airport - year 1999 (knb-lter-cap.507.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport noise

Noise polygons of Phoenix Sky Harbor International Airport in 2004 (knb-lter-cap.510.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport noise
Noise polygons of Phoenix Sky Harbor International Airport in 2015 (knb-lter-cap.513.1)	REQUIRED: The name of an organization or individual that developed the data set.		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport noise
Northern Highlands Lake District Boundary (knb-lter-ntl.134.4)	North Temperate Lakes Long-Term Ecological Research Site		NTL-LTER Northern Highlands Lake District boundary
Nutrients and Data Synthesis, Mass Balance: Gila-Salt Watershed boundary (knb-lter-cap.54.1)	Baker Ying	Baker Environmental Consulting, Inc. Arizona State University	Inorganic Nutrients SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona watershed Gila River Biogeochemical Patterns, Processes, and Human Outcomes Project id 7 caplter created gis
Nutrients and Data Synthesis, Mass Balance: Phoenix Dairy Farms (knb-lter-cap.51.1)	Baker Ying	Baker Environmental Consulting, Inc. Arizona State University	Inorganic Nutrients SONORAN DESERT PHOENIX Project id 7 urban farm caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona dairy farm dairy caplter created Biogeochemical Patterns, Processes, and Human Outcomes gis

Nutrients and Data Synthesis, Mass Balance: Phoenix Stockyard Locations (knb-lter-cap.53.1)	Baker Ying	Baker Environmental Consulting, Inc. Arizona State University	Inorganic Nutrients SONORAN DESERT PHOENIX urban farm caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona stockyard Biogeochemical Patterns, Processes, and Human Outcomes Project id 7 caplter created gis
Nutrients and Data Synthesis, Mass Balance: Phoenix citrus groves (knb-lter- cap.49.1)	Baker Ying	Baker Environmental Consulting, Inc. Arizona State University	Inorganic Nutrients SONORAN DESERT Project id 7 PHOENIX urban gis caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona citrus grove shapefile caplter created Biogeochemical Patterns, Processes, and Human Outcomes gis
Nutrients and Data Synthesis, Mass Balance: Phoenix crops (knb-lter- cap.50.1)	Baker Ying	Baker Environmental Consulting, Inc. Arizona State University	CROPS Inorganic Nutrients SONORAN DESERT Project id 7 PHOENIX AGRICULTURE urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona caplter created Biogeochemical Patterns, Processes, and Human Outcomes gis
Nutrients and Data Synthesis, Mass Balance: shed_agr (knb-lter-cap.52.1)	Baker Ying	Baker Environmental Consulting, Inc. Arizona State University	CROPS Inorganic Nutrients Project id 7 SONORAN DESERT PHOENIX AGRICULTURE urban

			caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Landuse Arizona Biogeochemical Patterns, Processes, and Human Outcomes caplter created gis
PASS II project study sites (knb-lter-cap.366.2)	Ruddell		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area social survey population census Phoenix Area Social Survey PASS Project id 41 caplter created gis
Phoenix Area Social Survey I, Sites (knb-lter-cap.291.2)	Buyantuyev		Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Area Social Survey PASS Project id 41 caplter created gis
Plant Survey of Current Vegetation: Desert Vegetation, Sites (knb-lter-cap.117.1)	Stiles Fantozzi Scheiner	Arizona State University - FREQUENCY West Arizona State University - MARICOPA COUNTY West National Science Foundation	urban gis survey caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona caplter created shapefile absence / presence plant community Human Decisions and Biodiversity Populations Project id 11 gis

Point Count Bird Censusing: Sites (knb-lter-cap.160.2)	Shochat Katti Warren	Arizona State University Department of Biology, M/S SB73 University of Massachusetts-Amherst	SONORAN DESERT ABUNDANCE PHOENIX urban species composition bird caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona diversity caplter created richness census Human Decisions and Biodiversity Populations Project id 34 caplter core monitoring gis
Population density, 2000, Greater Phoenix (knb-lter-cap.20.1)		US Census Bureau	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona greater phoenix census population density Project id 60 gis
Profile baselines for the Flood Insurance Rate Maps (FIRM) (knb-lter-cap.568.1)	Maricopa County Flood Control District	Maricopa County Flood Control District	Flood Insurance Rate Maps Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
Regional E-Atlas of the Greater Phoenix Region: Distribution of prices of single family homes, new and resale throughout the region in 2001 (knb-lter-cap.109.1)	Hogan	Center for Business Research Arizona State University	SONORAN DESERT PHOENIX urban housing caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa GP2100 single family townhose condominium median sale price homesale prices Project id 60

Regional E-Atlas of the Greater Phoenix Region: Estimated concentrations of ozone in the Greater Phoenix (knb-lter- cap.107.1)		ASU Enviromental Fluid Dynamics Program	gis SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona greater phoenix air quality ozone concentration Project id 60 gis
Regional E-Atlas of the Greater Phoenix Region: GP2100 study area extent (knb-lter-cap.70.1)		Center of Environmental Studies	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona maricopa yavapai greater phoenix pinal GP2100 study area GP2100 Outline region outline Project id 60 gis caplter created Land-Use, Land-Cover and Land Architecture Land Use Changes
Regional E-Atlas of the Greater Phoenix Region: High-Tech employment clusters (knb-lter-cap.112.1)	Hogan	Center for Business Research Arizona State University	SONORAN DESERT PHOENIX urban economy employment caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona maricopa GP2100 high-tech industry employment clusters business Project id 60 gis
Regional E-Atlas of the Greater Phoenix Region: PM10 concentration in Greater Phoenix area (knb-lter-cap.105.1)		Arizona Department of Environmental Quality	SONORAN DESERT PHOENIX POLLUTION urban caplter

			Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona particulate matter air quality asthma PM10 concentration particulates Project id 60 gis
Regional E-Atlas of the Greater Phoenix Region: Particulate Matter (2.5) pollution contours (knb-lter-cap.104.1)	Arizona Department of Environmental Quality		SONORAN DESERT PHOENIX POLLUTION urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona greater phoenix particulate matter air quality particulates contours Project id 60 gis
Regional E-Atlas of the Greater Phoenix Region: Percent of population by zipcode, admitted to hospitals and diagnosed with Asthma (knb-lter-cap.106.1)	Arizona Department of Environmental Quality Arizona Department of Health Services		SONORAN DESERT PHOENIX urban air pollution caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona greater phoenix asthma particulates Project id 60 gis
Regional E-Atlas of the Greater Phoenix Region: Population change (knb-lter-cap.82.1)	US Census Bureau		SONORAN DESERT POPULATION PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area gp2100 Arizona maricopa yavapai greater phoenix pinal census Project id 60

			Population change gis
Residential completions in Maricopa County (knb-lter-cap.167.1)	Walton	Maricopa Association of Governments	SONORAN DESERT PHOENIX urban informatics caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona MAG Maricopa Association of Government building permit residential completions Database Remote Sensing GIS Applications gis
Runways of Phoenix Sky Harbor International Airport - year 1999 (knb-lter-cap.505.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport runway
Runways of Phoenix Sky Harbor International Airport - year 2004 (knb-lter-cap.508.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport runway
Runways of Phoenix Sky Harbor International Airport - year 2015 (knb-lter-cap.511.1)	Larson	Arizona State University	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area Phoenix Sky Harbor International Airport runway
Scorpions in Urban Environments: Sites (knb-lter-cap.158.1)	McIntyre	Texas Tech University	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area

		Arizona scorpion sting Human Decisions and Biodiversity Populations Project id 25 gis
Spatial Patterns and Determinants of Atmospheric Carbon Dioxide Concentrations in Phoenix metro area (knb-lter-cap.387.1)	Wentz Gober Balling Day	Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area carbon dioxide urban climatology regression-based mapping geographic information systems Climate, Ecosystems and People Project id 336 caplter created gis Geosciences Human Environment Feedbacks Land Use Changes Modeling Land-Use, Land-Cover and Land Architecture Biogeochemical Patterns, Processes, and Human Outcomes
Urban Fringe Morphology: City of Phoenix Sewer Features (knb-lter-cap.152.1)	City of Phoenix, Central Records Counter at City Hall	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Sewer Cleanouts Manholes Wiers Valves Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 3 gis
Urban Fringe Morphology: City of Phoenix Sewer Lines (knb-lter-cap.150.1)	City of Phoenix, Central Records Counter at City Hall	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Sewer lines tap Land-Use, Land-Cover and Land Architecture

			Land Use Changes Project id 3 gis
Urban Fringe Morphology: City of Phoenix Sewer Nodes (knb-lter-cap.151.1)		City of Phoenix, Central Records Counter at City Hall	SONORAN DESERT PHOENIX urban caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona Sewer Cleanouts Manholes Wiers Valves Land-Use, Land-Cover and Land Architecture Land Use Changes Project id 3 gis
Urban Storm Runoff: Sites (knb-lter-cap.156.1)	Chan Hope Naegeli Grimm	Arizona State University Arizona State University Arizona State University	WATER RUNOFF Inorganic Nutrients SONORAN DESERT MARICOPA COUNTY PHOENIX urban parking lot caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona nutrient concentration street asphalt caplter created Biogeochemical Patterns, Processes, and Human Outcomes Project id 28 gis
Vertebrate Species Composition of Remnant Desert Islands within Urban Phoenix: Sites (knb-lter-cap.119.1)	Ohmart Clark	Arizona State University Arizona State University	FREQUENCY SONORAN DESERT ABUNDANCE PHOENIX urban survey caplter Central Arizona Phoenix Longterm Ecological Research metropolitan area Arizona bird community absence / presence diversity richness composition lizard community transects

			caplter created Human Decisions and Biodiversity Populations Project id 23 gis
Water surface elevations of the base flood for the Flood Insurance Rate Maps (FIRM) (knb-lter-cap.563.1)	Maricopa County Flood Control District	Maricopa County Flood Control District	base flood elevation Flood Insurance Rate Maps Phoenix Arizona Sonoran Desert caplter Central Arizona Phoenix Longterm Ecological Research urban metropolitan area gis
White Mountain National Forest Boundary (knb-lter-hbr.114.2)	Campbell	USDA Forest Service	boundary property US Forest Service White Mountain National Forest Hubbard Brook New Hampshire
Wisconsin 1:24,000-scale Quadrangle Index (knb-lter-ntl.171.3)	Wisconsin Geologic and Natural History Survey (WGNHS)		index quadrangle grid location imageryBaseMapsEarthCover Wisconsin
Wisconsin 2000 Municipalities (knb-lter-ntl.170.3)	U.S. Census Bureau		minor civil divisions MCD city town village municipality boundaries society location Wisconsin
Wisconsin County Boundaries (polygon features) (knb-lter-ntl.169.3)	U.S. Census Bureau		County boundary boundaries administrative political society location Wisconsin
Wisconsin DNR 2003 Watersheds (knb-lter-ntl.165.3)	Wisconsin Dept. of Natural Resources		watersheds drainage basins boundaries environment inlandWaters Wisconsin
Wisconsin Islands & Uplands from 1:24,000-scale sources (knb-lter-ntl.164.3)	Wisconsin Department of Natural Resources		hydrography water lakes rivers streams islands uplands

		inlandWaters Wisconsin
Wisconsin Open Water from 1:24,000-scale sources (knb-lter-ntl.162.3)	Wisconsin Department of Natural Resources	hydrography water lakes rivers streams inlandWaters Wisconsin
Wisconsin PLSS Quarter-Quarter Sections from 1:24K Landnet (knb-lter-ntl.174.3)	Wisconsin Dept. of Natural Resources	Landnet location boundaries quarter-quarter-section q-q-sect section planningCadastre Wisconsin
Wisconsin PLSS Sections from 1:24K Landnet (knb-lter-ntl.173.3)	Wisconsin Dept. of Natural Resources	Section PLSS Landnet boundaries location planningCadastre Wisconsin
Wisconsin PLSS Townships from 24K Landnet (knb-lter-ntl.172.3)	Wisconsin Dept. of Natural Resources	Township PLSS Landnet boundaries location planningCadastre Wisconsin
Wisconsin Rivers & Shorelines from 1:24,000-scale sources (knb-lter-ntl.163.3)	Wisconsin Department of Natural Resources	hydrography water lakes rivers streams inlandWaters hydro Wisconsin
Wisconsin State Boundary from 1:24,000-scale sources (knb-lter-ntl.168.3)	U.S. Census Bureau	state boundary outline location boundaries Wisconsin
YLD Land Use / Land Cover - 1937 (knb-lter-ntl.154.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Yahara Lake District land use land cover historical
YLD Land Use / Land Cover - 1962 (knb-lter-ntl.155.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Yahara Lake District land use land cover historical
YLD Land Use / Land Cover - 1995 (knb-lter-ntl.156.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Yahara Lake District land use land cover

		historical
Yahara Lake District Study Lakes (knb-lter-ntl.152.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Yahara Lake District primary study lakes Lake Mendota Lake Wingra Lake Monona Fish Lake
Yahara Lake District boundary (knb-lter-ntl.151.4)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Yahara Lake District boundary
dane_census (knb-lter-ntl.177.3)	North Temperate Lakes Long-Term Ecological Research Site	Madison Lakes Region Dane County Census Population Housing Households
dane_majorroads (knb-lter-ntl.159.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Madison Lakes Region roads
dane_soils (knb-lter-ntl.158.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Madison Lakes Region soils
dane_wui (knb-lter-ntl.160.3)	SILVIS Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison	Wildland Urban Interface WUI wildfire fragmentation sprawl United States
mlr_bathy (knb-lter-ntl.153.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Madison Lakes Region bathymetry contours
mlr_riparian (knb-lter-ntl.157.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Madison Lakes Region riparian buffers
orig_veg_cov (knb-lter-ntl.167.3)	Wisconsin Department of Natural Resources	NTL-LTER Wisconsin Vegetation Land cover Original Vegetation
tlr_bathy_10ft (knb-lter-ntl.137.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region Trout Lake Region Bathymetry contours
tlr_bathy_5ft (knb-lter-ntl.136.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region Trout Lake Region Bathymetry contours
tlr_census (knb-lter-ntl.175.3)	North Temperate Lakes Long-Term Ecological Research Site	Trout Lake Region Census Population Housing Households

tlr_wetlands (knb-lter-ntl.149.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region wetlands WWI
tlr_wshed_merged (knb-lter-ntl.145.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region watersheds
tlr_wui (knb-lter-ntl.150.3)	SILVIS Lab, Department of Forest Ecology and Management, University of Wisconsin-Madison	Wildland Urban Interface WUI wildfire fragmentation sprawl United States
vilas_buildings (knb-lter-ntl.147.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region buildings
vilas_parcels_wtm (knb-lter-ntl.176.3)	North Temperate Lakes Long-Term Ecological Research Site North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region parcels
vilas_roads (knb-lter-ntl.148.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region roads
vilas_soils (knb-lter-ntl.146.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER Trout Lake Region soils
wi_secchi2000 (knb-lter-ntl.161.3)	North Temperate Lakes Long-Term Ecological Research Site	NTL-LTER statewide water clarity secchi disk transparency
wi_statsgo (knb-lter-ntl.166.3)	U.S. Department of Agriculture, Natural Resources Conservation Service	NTL-LTER Soils STATSGO