

BLM Science and Technology Proposals for FY 2001

| Proposal No. | Short Title | Science Region | Office | Type | Scope | Duration | Subactivity | IB Criteria | NSTC y/n | Strategic Plan | Transferability | Usefulness | Merge with... | Remarks | USGS Interest | Disposition | NSTC Project Number | Responsible Person (ST-100) | Proposal Author |
|--------------|---|----------------|-----------|-------|-------|----------|-------------|-------------|----------|----------------|-----------------|------------|---------------|---|---------------|------------------------|---------------------|------------------------------------|--|
| 01-001 | GIS Modeling of Mass Movement Hazard | N | NIFC/NSTC | IS | N | S | 2810 | 1 | y | 1.4 | 1 | 1 | | Organizing multi-agency meeting for further investigation | x | accepted conditionally | na | Jacek Blaszczynski 303.236.5263 | Jacek Blaszczynski 303.236.5263 |
| 01-002 | Bering Glacier Cover Change | AK | AK-930 | TA | L | M | 1110 | 2 | ? | 2.1 | 3 | 3 | | Waterfowl modeling--need more info on mgmt issue--follow up w/ originator | | declined by PRB | | | John Payne - 907.271.3431 |
| 01-003 | NLCS Boundary Mapping Standards | N | WO-172 | TA | N | S | 1610 | 1 | y | 1.5 | 1 | 1 | | Work already initiated by NSTC | | accepted | GS-WO-140 | Mary-Beth Stultz 303.236.0100 | Dave Porter - 303.239.3949 |
| 01-004 | Control of Yellow Starthistle | PNW | OR-Med | TA | R | L | 1020 | 2 | n | 2.2 | | | | Refer to USGS-BRD | | declined by PRB | | | Nabil Atalla - 541.618.2396 |
| 01-005 | Updated Process for Preparedness Level | PNW | NWICC | O | R | S | 2810 | 2 | y | 1.4 | 1 | 1 | | Assist submitting to Joint Fire Science Program for funding | | accepted | na | Susan Goodman 303.236.4242 | Gerry Day - 503.808.2732 |
| 01-006 | Water Quality--O&G Development | E | ES-Milw | AS | L | M | 1310 | 2 | y | 1.2 | | | | Operational inventory (USGS?)--work with ES to re-package | x | USGS (WRD) | | William Carey 303.236.0103 | Singh Ahuja - 414.297.4429 |
| 01-007 | Alvey Site Conservation | DSW | GSENM | O | L | M | 1050 | 4 | ? | 1.3 | | | | Methodology unclear--clarify what is really needed? | | declined by PRB | | | Doug McFadden 435.644.4321 |
| 01-008 | Paria-Vermilion Cliffs Road Inventory | DSW | AZ-Strip | TA | L | M | 1220 | 3 | n | 1.3 | | | | Operational inventory | | declined by PRB | | | Marcy DeMillion 435.688.3260 |
| 01-009 | Advanced Technology for QW Sampling | DSW | NM-Albq | TA | N | L | 1010 | 2 | n | 2.1 | | | | Others doing it--need report on available technology | x | declined by PRB | | | Jerry Wall - 505.761.8750 |
| 01-010 | Invasive Potential of Blue Flax | RM | CO-930 | AS | R | L | 1020 | 2 | ? | 2.2 | | | | Unsolicited CSU research submission--talk to Ann | | declined by PRB | | | Dr. George Beck (CSU) 970.491.7568 |
| 01-011 | Biological Control of Thistles | RM | CO-930 | R | N | L | 1020 | 1 | n | 2.2 | | | | Unsolicited Univ of Neb res submission | | declined by PRB | | | Dr. Svata Louda (Univ of Neb) 402.472.2763 |
| 01-012 | Cultural GIS Database | DSW | NM-Farm | TA | L | S | 1050 | 2 | n | 1.3 | | | | Operational inventory | | declined by PRB | | | Dave Simons- 505.599.6336 |
| 01-013 | Stream Temperature Models | PNW | OR-096 | AS | R | S | 1010 | 1 | y | 2.1 | 1 | 1 | | referred to Matt Boyd at Oregon DEQ (503.229.5374) | | Oregon DEQ | | Steve Swanson 303.236.8693 | Mary D'Aversa 541.683.2957 |
| 01-014 | Canyons of Ancients Hydrology | DSW | CO-930 | TA | L | S | 1010 | 3 | n | 2.1 | | | | Baseline hydrological info | | declined by PRB | | | Roy Smith - 303.239.3940 |
| 01-015 | AML Bat Survey | DSW | CO-Duran | TA | L | M | 1110 | 3 | n | 2.1 | | | | Could combine with 024 & 028 | | declined by PRB | | | Loren Wickstrom 970.385.1373 |
| 01-016 | Insect Indicators of Healthy Rangelands | N | COSO | IS/AS | N | M | 1020 | 1 | n | 2.1 | 3 | 3 | | Use as HBCU initiative | | declined by PRB | | | Dr. Katherine Milla (Florida A&M) - 850.412.7004 |
| 01-017 | Hot Water/Foam Treatment for Weeds | N | OR-Rose | TE | N | M | 1020 | 2 | n | 2.2 | | | | Duplicate of 01-139 | | declined by PRB | | | Kirk Casavan - 541.464.3339 |
| 01-018 | Catalog of Scientific Opportunities | N | NSTC | O | N | S | 1610 | 1 | y | 1.5 | 1 | 1 | | Related to 022 | | accepted | ST-ST-010 | Brian St. George 303.236.1930 | Bruce Van Haveren 303.236.0161 |
| 01-019 | Biological Monitoring Protocols | N | NSTC | AS | N | M | 1020 | 1 | y | 2.2 | 1 | 1 | | Coord w/ NIFC; move schedule up 4 mos; submit to JFSP | x | accepted | ST-ST-008 | Bill Ypsilantis 303.236.3404 | Bruce Van Haveren 303.236.0161 |
| 01-020 | Analysis of Reference Areas--GBRI | GB | NSTC | AS | R | M | 1020 | 1 | y | 2.1 | 1 | 1 | | Collaborate with LEMA | x | accepted | ST-ST-009 | Bruce VanHaveren 303.236.0161 | Bruce Van Haveren 303.236.0161 |
| 01-021 | Upland Erosion--Largo Wash | DSW | NM-Farm | O | L | M | 1010 | 2 | n | 2.1 | | | | Area/site specific--address thru road stds | | declined by PRB | | | Dale Wirth - 505.599.6320 |
| 01-022 | BLM Science Database | N | ORSO | O | N | S | 1610 | 1 | y | 1.5 | 1 | 1 | | Related to Issues and Needs Catalog | x | accepted | na | Phil Dittberner 303.236.1833 | Bob Alverts - 503.952.6357 |

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| 01-023 | Seep & Spring Invertebrates | CP/RM | CO-GJ | O | L | M | 1120 | 3 | n | 2.1 | | | | Operational inventory--refer to LEMA-USU | | declined by PRB | | | Ron Lambeth - 970.244.3013 |
| 01-024 | Bats & Shrews Inventory | CP/RM | CO-GJ | O | L | M | 1110 | 3 | n | 2.1 | | | | Could combine with 015 & 028 | | declined by PRB | | | Ron Lambeth - 970.244.3013 |
| 01-025 | Immigrant Trails Landscape Management | RM | WY-RS | O | R | M | 1310 | 2 | n | 1.2 | | | | Operational inv--appl to GP and PNW also? Shop to DOE | | declined by PRB | | | Terry Del Bene 307.352.0301 |
| 01-026 | North Park Fen Investigation | RM | CO-KFO | AS | L | M | 1040 | 2 | y | 2.1 | 3 | 2 | 01-131 | Combined with North Park Fen project, entered into NSTC database | | accepted | na | Pam Clemmer 303.236.0824 | Paula Belcher - 970.724.3437 |
| 01-027 | Sheet & Rill Erosion Models | N | NIFC/NSTC | TA | N | S | 2810 | 3 | n | 1.4 | 3 | 3 | | Restrict deliverable to lit review--potential NRCS project | | declined by PRB | | | Jacek Blaszczyński 303.236.5263 |
| 01-028 | Remote Sensing and Telemetry of Bats | PNW | OR-Wenat | TA | R | S | 1110 | 1 | y | 2.1 | 2 | 2 | | NSTC commits to literature review and seeking funds, referred to Bat Conservation Int'l. and USFS | | accepted conditionally | ST-OR-008 | Bruce Durtsche 303.236.6310 | Neal Hedges - 509.665.2135 |
| 01-029 | Digital Database Shivwits Plateau | CP | AZ-Strip | AS | L | S | 1610 | 3 | n | 1.5 | | | | Operational inventory--refer to 022 | | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-030 | Geologic Maps 1:24000 | CP | AZ-Strip | O | L | S | 1330 | 3 | n | 2.1 | | | | Operational inventory & data interpret | | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-031 | Chronology of Basalt Flows-Shivwits Plat | CP | AZ-Strip | R | L | M | 1330 | 3 | n | 2.1 | | | | Operational inventory & data interpret | | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-032 | Distribution of Olivine inclusions | CP | AZ-Strip | R | L | M | 1330 | 3 | n | 1.3 | | | | Operational inventory & data interpret | | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-033 | Digital Database Order 3 Soil Surveys | CP | AZ-Strip | IS | L | M | 1010 | 3 | n | 2.1 | | | | Operational soil survey | | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-034 | Mt Trumbull Meadows | CP | AZ-Strip | AS | L | M | 1020 | 2 | n | 2.1 | | | | maybe 1030 as well | | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-035 | TM Images of Mt Trumbull | CP | AZ-Strip | IS | L | M | 1020 | 3 | n | 2.1 | | | | Operational inventory | | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-036 | GW Aquifers--AZ Strip | CP | AZ-Strip | IS | L | M | 1010 | 3 | n | 2.1 | | | | Inventory | x | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-037 | Inventory Sfc Waters & Wells--AZ Strip | CP | AZ-Strip | IS | L | S | 1010 | 3 | n | 2.1 | | | | Inventory | x | declined by PRB | | | Becky Hammond 435.688.3323 |
| 01-038 | Sediment, Runoff, QW from Drainages | CP | AZ-Strip | IS | L | M | 1010 | 3 | n | 2.2 | | | | Inventory | x | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-039 | Perched Aquifers--Shivwits Plateau | CP | AZ-Strip | IS | L | S | 1010 | 3 | n | 2.1 | | | | Inventory--well site invest. | | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-040 | GW & Soil Water Effects--Mt Trumbull | CP | AZ-Strip | R | L | M | 1010 | 2 | n | 2.2 | | | | Report on available literature--market to CP-CESU | x | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-041 | Aquifer Recharge--Grass/Shrub Conversion | CP | AZ-Strip | R | L | M | 1010 | 2 | n | 2.1 | | | | Report on available literature--market to CP-CESU | | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-042 | PJ Encroachment--AZ Strip | CP | AZ-Strip | R | L | L | 1020 | 1 | y | 2.1 | 1 | 1 | 01-054 01-060 | Synthesis--mult-region application; do lit search & check with USGS | | accepted | ST-CO-004 | Phil Dittberner 303.236.1833 | Becky Hammond 435.688.3323 |
| 01-043 | Paleo-biological Inventory--AZ Strip | CP | AZ-Strip | IS | L | S | 1050 | 2 | n | 2.1 | | | | Inventory? Maybe research component | | declined by PRB | | | Becky Hammond 435.688.3323 |

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| 01-044 | Cave-dwelling Invertebrates--AZ Strip | CP | AZ-Strip | R | L | M | 1110 | 3 | n | 2.2 | | | | Operational inventory | | declined by PRB | | | Matthew Safford 435.688.3200 |
| 01-045 | Erosion & Sedimentation--San Juan Basin | CP | NM-Farm | R | L | M | 1010 | 2 | n | 1.2 | | | | Lit review--market to USGS-WRD or CP-CESU | x | declined by PRB | | | Dale Wirth - 505.599.6320 |
| 01-046 | Data Acq Critical Deer & Elk Habitat--SJB | CP | NM-Farm | IS | L | M | 1110 | 2 | n | 2.1 | 3 | 3 | | Satellite imagery inventory | | declined by PRB | | | John Hansen - 505.599.6325 |
| 01-047 | Compressor Noise Analysis--SJB | CP | NM-Farm | AS | L | S | 1310 | 2 | n | 1.2 | | | | May incl research & policy components--already funded by DOE-Argonne | | declined by PRB | | | Ruben Sanchez 505.599.6319 |
| 01-048 | O&G Development Disturbances--SJB | CP | NM-Farm | AS | L | M | 1310 | 4 | n | 1.2 | | | | May incl research & policy components--currently funded by DOE | | declined by PRB | | | John Hansen - 505.599.6325 |
| 01-049 | Sagebrush Steppe Habitat/Avian Pops | CP | CO-GJ | R | L | M | 1110 | 2 | n | 2.2 | 1 | 1 | | Research and inventory--refer to BRD | | declined by PRB | | | Ron Lambeth - 970.244.3013 |
| 01-050 | PJ Habitat/Avian Pops | CP | CO-GJ | R | L | M | 1110 | 2 | y | 1.2 | 1 | 2 | 01-053 | Research and inventory | | combined with 01-042 | ST-CO-004 | Phil Dittberner 303.236.1833 | Ron Lambeth - 970.244.3013 |
| 01-051 | Desert Shrubland Habitat/Avian Pops | CP | CO-GJ | R | L | M | 1110 | 2 | y | 2.2 | 1 | 1 | | NSTC commits to literature review and assistance seeking funds | | accepted conditionally | ST-CO-007 | Bruce Durtsche 303.236.6310 | Ron Lambeth - 970.244.3013 |
| 01-052 | Slope Effect on Birds in PJ Woodland | CP | CO-GJ | AS | L | M | 1110 | 2 | y | 1.2 | 1 | 2 | 01-050 | Research and monitoring | | combined with 01-050 | | Bruce Durtsche 303.236.6310 | Ron Lambeth - 970.244.3013 |
| 01-053 | Fuelwood Harvest Effects on PJ Birds | CP | CO-GJ | AS | L | S | 1030 | 2 | y | 1.2 | 1 | 2 | 01-050 | Species-specific; field obs & validation--emerging issue--need better project descript | | combined with 01-050 | | Bruce Durtsche 303.236.6310 | Ron Lambeth - 970.244.3013 |
| 01-054 | PJ Encroachment in Sagebrush | CP | GSENM | AS | L | S | 1020 | 1 | y | 2.1 | 1 | 1 | 01-042 | Multi-regional application--see 01-042 | | combined with 01-042 | ST-CO-004 | Phil Dittberner 303.236.1833 | Harry Barber - 435.644.4311 |
| 01-055 | Impacts to QW Backcountry Uses | CP | GSENM | R | R | M | 1220 | 2 | y | 1.2 | 1 | 1 | | Organizing multi-agency meeting for further investigation | x | accepted conditionally | | Vicki Josupait 303.236.6313 | Marietta Eaton 435.865.5114 |
| 01-056 | Rock Art Data--Colorado Plateau | CP | GSENM | IS | L | S | 1050 | 2 | y | 1.3 | | | | Coordination with WO-240 staff archaeologist for further scoping | | accepted conditionally | | Dan Martin 303.236.0105 | Marietta Eaton 435.865.5114 |
| 01-057 | Satellite Tracking Big Horn Sheep | CP | UT-Moab | R | L | M | 1110 | 2 | y | 2.1 | 2 | 2 | 01-058 | Satellite tracking and monitoring--lit search only | | accepted | ST-UT-002 | Bruce Durtsche 303.236.6310 | Joe Cresto - 435.259.2114 |
| 01-058 | Satellite Tracking Bald Eagles | CP | UT-Moab | R | R | M | 1110 | 2 | y | 2.1 | 2 | 2 | 01-057 | NSTC commits to literature review and assistance seeking funds | | accepted conditionally | ST-UT-003 | Bruce Durtsche 303.236.6310 | Joe Cresto - 435.259.2114 |
| 01-059 | Cowbird Impacts on Passerine Birds | CP | UT-Moab | R | R | M | 1110 | 2 | y | 2.1 | 1 | 2 | | NSTC commits to literature review and assistance seeking funds | | accepted conditionally | ST-UT-004 | Bruce Durtsche 303.236.6310 | Joe Cresto - 435.259.2114 |
| 01-060 | PJ Invasion on Colorado Plateau | CP | UT-Moab | AS | R | M | 1020 | 1 | y | 2.1 | 1 | 1 | 01-042 | see 01-042; may have research component | | combined with 01-042 | ST-CO-004 | Phil Dittberner 303.236.1833 | Joe Cresto - 435.259.2114 |
| 01-061 | Mgmt & Treatment of Exotic Plants | CP | UT-Moab | R | R | M | 1020 | 3 | n | 2.2 | | | | Lacks specificity | | declined by PRB | | | Joe Cresto - 435.259.2114 |
| 01-062 | Geology, Soils, Vegetation in Riparian | CP | UT-Moab | AS | R | S | 1040 | 3 | n | 2.1 | | | | Research and Inventory--market to CESU | | declined by PRB | | | Ann Marie Aubry 435.259.2173 |
| 01-063 | Recreation Site Impacts on Cultural Res | CP | UT-Moab | AS | R | S | 1220 | 2 | y | 1.1 | 1 | 2 | | May also be 1050--lit search needed | | declined by PRB | | | Bruce Louthan 435.259.2154 |

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| 01-064 | Grazing Impacts on Cultural Resources | CP | UT-Moab | AS | R | S | 1020 | 3 | n | 1.3 | | | | Variability requires site-specific monitoring | | declined by PRB | | | Bruce Louthan 435.259.2154 |
| 01-065 | Fire Effects on Cultural Resources | CP | UT-Moab | AS | R | S | 2810 | 2 | y | 1.3 | 1 | 1 | | Referred to previous work "Rainbow Series" | x | retracted | | Susan Goodman 303.236.4242 | Bruce Louthan 435.259.2154 |
| 01-066 | Impacts from Recreation | CP | UT-Moab | R | R | M | 1220 | 2 | y | 1.1 | 1 | 2 | 01-063 | entered into NSTC database | | accepted | ST-UT-006 | Vicki Josupait 303.236.6313 | Russ Vonkoch 435.259.2116 |
| 01-067 | Inventory of Streams and QW | CP | UT-Moab | IS | R | S | 1010 | 3 | n | 2.1 | | | | Operational inventory | x | declined by PRB | | | Ann Marie Aubry 435.259.2173 |
| 01-068 | Reclamation Techniques | CP | UT-Moab | AS | R | S | 1020 | 1 | ? | 2.2 | | | | Literature synthesis | | declined by PRB | | | Rich McClure - 435.259.2127 |
| 01-069 | Comprehensive GIS Data Layers | CP | UT-Moab | IS | R | S | 1610 | 3 | n | 1.5 | | | | Operational inventory--possible LEMA | | declined by PRB | | | Lynn Jackson 435.259.2150 |
| 01-070 | Invertebrate Inventory and Research | CP | UT-Moab | R | R | S | 1020 | 2 | n | 2.1 | | | | May have research component--refer to BRD | x | declined by PRB | | | Tim Graham (USGS-BRD) 435.259.2109 |
| 01-071 | Amphibian Research Needs | CP | UT-Moab | IS | R | M | 1120 | 3 | n | 2.1 | | | | Operational Inventory | | declined by PRB | | | Lynn Jackson 435.259.2150 |
| 01-072 | Bibliographic Database for CP | CP | UT-Moab | IS | R | S | 1610 | 2 | n | 1.5 | | | 01-029 | link to CP bibliog--check w/ Van Riper and follow up w/ originator | | declined by PRB | | | Lynn Jackson 435.259.2150 |
| 01-073 | Backcountry Human Waste | CP | UT-Montic | R | R | S | 1220 | 3 | y | 1.2 | 1 | 1 | 01-055 | Organizing multi-agency meeting for further investigation | x | accepted conditionally | | Vicki Josupait 303.236.6313 | Philip Gezon - 435.587.1519 |
| 01-074 | Rosgen Channel Classification | CP | UT-Price | AS | R | S | 1040 | 3 | n | 2.1 | | | | Operational Inventory | | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-075 | Timber Harvesting in Upland Areas | CP | UT-Price | AS | R | S | 1030 | 3 | n | 1.2 | 3 | 2 | | Private lands? Local inventory--NSTC could help design project | | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-076 | Stream Gaging Stations | CP | UT-Price | IS | L | L | 1010 | 3 | n | 2.1 | | | | USGS-WRD | x | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-077 | Sediment Loading Model | CP | UT-Price | TD | R | M | 1010 | 1 | n | 2.1 | 1 | 1 | | Market to USGS-WRD | x | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-078 | Instream Flow Needs Assessments | CP | UT-Price | AS | R | M | 1010 | 3 | n | 2.1 | | | | Operational data collection | | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-079 | Geologic Maps 1:100K for SE Utah | CP | UT-Price | AS | L | S | 1610 | 3 | n | 2.1 | | | 01-030 | | | declined by PRB | | | Neil Simmons 435.636.3639 |
| 01-080 | NRCS Order 3 Soil Surveys SE Utah | CP | UT-Price | AS | L | S | 1010 | 3 | n | 2.1 | | | 01-033 | Operational soil survey | | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-081 | Methane Gas Dev Impacts on Aquifers | CP | UT-Price | AS | L | S | 1310 | 2 | n | 1.2 | | | | Similar to 006--market to DOE & USGS-WRD | x | declined by PRB | | | Kerry Flood - 435.636.3617 |
| 01-082 | ATV Impacts on Colo Plateau | CP | UT-Price | AS | R | S | 1220 | 2 | n | 1.1 | | | 01-066 | May have been done for other areas--LEMA to respond | | declined by PRB | | | Dennis Willis - 435.636.3623 |
| 01-083 | Analysis of Bacterial Runoff | CP | UT-Price | AS | R | S | 1220 | 3 | n | 1.1 | | | 01-055 01-073 | | | declined by PRB | | | Dennis Willis - 435.636.3623 |
| 01-084 | Visitor Use Survey San Rafael Swell | CP | UT-Price | IS | L | L | 1220 | 3 | n | 1.1 | | | | Assume long-term survey/trends | | declined by PRB | | | Jaynee Levy 435.636.3620 |
| 01-085 | Natural Resource Cash Flow | CP | UT-Price | O | R | M | 1610 | 1 | n | 2.1 | 2 | 1 | | Develop as prototype for rest of BLM--suggest funding thru WO Planning | | declined by PRB | | | Dennis Willis - 435.636.3623 |

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| 01-086 | Native American Ethnographies | CP | UT-Price | O | R | M | 1050 | 2 | y | 1.6 | 1 | 1 | | Coordinate with WO-240 staff archaeologist for further scoping | | accepted conditionally | | Dan Martin 303.236.0105 | Blaine Miller - 435.636.3618 |
| 01-087 | Wild Horse Genetic Viability | CP | UT-Price | AS | R | M | 1060 | 3 | n | 1.3 | 1 | 1 | | Some research done by BRD--send to BRD--deliverables? Applicability? | | declined by PRB | | | Mark Bailey - 435.636.3603 |
| 01-088 | Historic Disturbances and Nat Variability of Plant Communities | CP | CO-Montr | IS | R | S | 1020 | 2 | n | 2.1 | 3 | 3 | | Proposal needs more work--market through CP-CESU | | declined by PRB | | | Jim Ferguson - 970.240.5307 |
| 01-089 | Assemble Eco Data Bases | CP | CO-Montr | TA | R | M | 1610 | 3 | n | 1.5 | | | 01-029 01-069 | High-priority as local planning effort | | declined by PRB | | | Amanda Clements 970.240.5306 |
| 01-090 | Rare Plant Monitoring | CP | CO-Montr | O | R | M | 1150 | 3 | n | 2.2 | | | | Operational inventory | | declined by PRB | | | Amanda Clements 970.240.5306 |
| 01-091 | Complete Geologic Maps | CP | UT-Vern | O | R | M | 1610 | 3 | n | 2.1 | | | 01-030 01-079 | | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-092 | Inventory of Natural Communities | CP | UT-Vern | O | R | M | 1610 | 3 | n | 2.1 | | | | Operational inventory--see 069 | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-093 | Inventory of Barriers in Streams that Support Native Fish | CP | UT-Vern | O | R | M | 1120 | 3 | n | 2.2 | | | | Operational inventory | | declined by PRB | | | Bill Stroh - 435.781.4481 |
| 01-094 | Socio-Economic Futuring | CP | UT-Vern | O | R | M | 1610 | 1 | n | 1.6 | | | 01-085 | refer to WO Planning? | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-095 | Effectiveness of Rehab Efforts from Surface Disturbing Activities | CP | UT-Vern | IS | R | S | 1010 | 4 | ? | 2.2 | | | | Specific impacts & effects? | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-096 | Geochemical Erosion Characteristics of Mancos Shale | CP | UT-Vern | IS | R | S | 1010 | 2 | y | 2.2 | 2 | 2 | | Organizing meeting with USGS to coordinate efforts | x | accepted conditionally | | Dan Muller 303.236.7189 | Jean Nitschke-Sinclear 435.781.4437 |
| 01-097 | Mapping Veg Communities With Remote Sensing | CP | UT-Vern | TE | R | M | 1610 | 3 | n | 2.1 | | | | Operational inventory--see 069 | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-098 | Human Carrying Capacities | CP | UT-Vern | R | R | M | 1220 | 2 | n | 1.1 | 1 | 1 | 01-066 | Market BRD and selected univs | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-099 | NRCS Order 3 Soil Survey Vernal | CP | UT-Vern | O | L | M | 1010 | 3 | n | 2.1 | | | 01-033 | Operational soil survey | | declined by PRB | | | Jean Nitschke-Sinclear 435.781.4437 |
| 01-100 | Restoring Nutrients in Mine Tailings | PNW | ORSO | O | L | S | 1330 | 4 | n | 1.2 | | | 01-068 | Identified specific mine sites | | declined by PRB | | | John Kalvels - 503.952.6040 |
| 01-101 | AMD Treatment Options | PNW | ORSO | O | L | S | 1330 | 4 | n | 1.2 | | | | Could be 1990 also. Identified specific mine sites. More info- | | declined by PRB | | | John Kalvels - 503.952.6040 |
| 01-102 | Visual Impact Analysis of Dozer Cuts in Arid Climates | PNW | ORSO | O | R | S | 1330 | 4 | n | 1.1 | | | | Could be 1990, Identified specific mine sites | | declined by PRB | | | John Kalvels - 503.952.6040 |
| 01-103 | Cost Effectiveness of Remediation & Control Methods for ARD | PNW | OR-Spok | IS | N | S | AML | 1 | y | 1.4 | 1 | 1 | | Duplicate of 01-129, referred to Acid Drainage Technology Initiative | | ADIT | | Rory Raschen 303.236.0169 | George Brown 509.536.1213 |
| 01-104 | Mine Opening Closure Tech | PNW | OR-Spok | IS | N | S | AML | ? | y | 1.4 | 1 | 2 | 01-107 01-116 | Project will be focused on one portion of proposal | | accepted | ST-OR-009 | Ken Smith 303.236.0206 | George Brown 509.536.1213 |
| 01-105 | Methods for Control of ARD | PNW | OR-Spok | AS | R | S | AML | 1 | y | 1.4 | 1 | 1 | 01-117 01-129 01-130 | referred to Colorado School of Mines | | Colorado School of Mines | | William Carey 303.236.0103 | George Brown 509.536.1213 |
| 01-106 | Eval of Bat Grates | PNW | OR-3Riv | TE | L | S | 1110 | 4 | n | 2.1 | | | | | | declined by PRB | | | Terri Geisler - 541.573.4484 |
| 01-107 | Expanding Foam in Vertical Shafts | PNW | OR-3Riv | TE | N | S | AML | 4 | ? | 1.4 | | | 01-116 01-104 | Insufficient info in request. See 01-104 | | declined by PRB | | | Terri Geisler - 541.573.4484 |

BLM Science and Technology Proposals for FY 2001

| Proposal No. | Short Title | Science Region | Office | Type | Scope | Duration | Subactivity | IB Criteria | NSTC y/n | Strategic Plan | Transferability | Usefulness | Merge with... | Remarks | USGS Interest | Disposition | NSTC Project Number | Responsible Person (ST-100) | Proposal Author |
|--------------|---|----------------|---------|------|-------|----------|-------------|-------------|----------|----------------|-----------------|------------|----------------------------|---|---------------|-------------------|---------------------|-------------------------------|---------------------------------|
| 01-108 | Characteristics of Physical Hazard AML Site Closures | PNW | OR-3Riv | TE | N | M | AML | 4 | ? | 1.4 | | | 01-116 01-104 01-107 | Insufficient info in request. See 01-104 | | declined by PRB | | | Terri Geisler - 541.573.4484 |
| 01-109 | USGS Water Quality Characterization of Mined Areas | AK | AKSO | O | L | L | AML | 4 | ? | 2.2 | | | | Insufficient info in request | x | declined by PRB | | | Leslie Torrence 907.271.4429 |
| 01-110 | Sunnyside Mine Fate and Transport | RM | COSO | TA | L | M | AML | | | 2.2 | | | | Duplicate of 01-115 | | declined by PRB | | | Rob Robinson 303.239.3642 |
| 01-111 | Satellite Imagery Related to Mining Disturbances | AK | AKSO | TE | N | M | AML | 1 | ? | 2.2 | | | | Jim Turner provided comments. Good project if AKSO supports. Return for mgmt sponsor. | | declined by PRB | | | Bill Diel - 907.267.1449 |
| 01-112 | Bio-physical Processes at AML Sites | PNW | ORSO | R | N | M | AML | 3 | n | 2.2 | | | | Research into secondary succession. Market to DOE. | | declined by PRB | | | Kelly Courtright 509.536.1218 |
| 01-113 | In-situ Bio-Remediation of GW and Pit Lakes at AML Sites | PNW | OR-Spok | TE | N | M | AML | | | 2.2 | | | | Duplicate of 01-134 | x | declined by PRB | | | Kelly Courtright 509.536.1218 |
| 01-114 | Inventory of GW and Surface Water Quality Eval Technology | PNW | ORSO | IS | N | M | AML | 4 | ? | 2.2 | | | | Has a research component, purpose is to develop standards. More info needed. | x | declined by PRB | | | Kelly Courtright 509.536.1218 |
| 01-115 | Sunnyside Mine Fate and Transport | RM | COSO | TA | L | M | AML | 2 | ? | 1.4 | 3 | 2 | | Site specific. EPA or USGS already doing? | | declined by PRB | | | Rob Robinson 303.239.3642 |
| 01-116 | Closure of Mine Openings | PNW | OR-Spok | IS | N | S | AML | 1 | y | 1.4 | 1 | 1 | 01-107 01-104 | Inventory of Closure Tech and Application. See 01-104 | | combined with 104 | | | George Brown 509.536.1213 |
| 01-117 | Source Control and Treatment for ARD | PNW | OR-Spok | IS | R | S | AML | 1 | y | 1.4 | 1 | 1 | | Inventory and evaluation of ARD controls. See 01-105. | | combined with 105 | | | George Brown 509.536.1213 |
| 01-118 | Eval of River and Watershed Modeling Software | N | NSTC | TE | N | S | 1010 | 1 | ? | 2.1 | | | | Needs more work--Address tech-transfer product | x | declined by PRB | | | Jacek Blaszczyński 303.236.5263 |
| 01-119 | Cartography Model for Range Sites | N | NSTC | TA | N | S | 1020 | 1 | n | 2.1 | | | | Team effort with field validation | | declined by PRB | | | Jacek Blaszczyński 303.236.5263 |
| 01-120 | Remote Sensed Assessment of Aspen in Book cliffs UT | CP | UT-Vern | TA | L | M | 1030 | 2 | n | 2.2 | 2 | 2 | | Model applic other areas--refer to LEMA and RMRS | | declined by PRB | | | Steve Strong - 435.781.4472 |
| 01-121 | Cottonwood Demography along W&SR of Missouri R | RM | MT-Lews | O | L | L | 1040 | 2 | n | 2.1 | | | | Riparian Management Issue--refer to BRD | | declined by PRB | | | Joe Frazier - 406.538.1927 |
| 01-122 | Invasion and Persistence of Exotic Trees in Rip Eco Systems | RM | MT-Lews | O | N | L | 1040 | 1 | n | 2.1 | 3 | ? | | Unsolicited proposal, but major BLM Issue--refer to BRD | | declined by PRB | | | Joe Frazier - 406.538.1927 |
| 01-123 | Saving Our Expertise | PNW | IDSO | TA | N | S | 1010 | 4 | y | 3.7 | | | | NSTC will host knowledge management meeting | | retracted | | Barbara Campbell 303.236.6648 | Karl Gebhardt 208.373.3814 |
| 01-124 | Application of Dynamic Landscape Concepts | PNW | ORSO | AS | R | S | 1010 | 1 | n | 2.1 | 3 | 3 | | Market to FS PNW Research Station--see list of cooperators | | declined by PRB | | | Rosemary Mazaika 503.952.6076 |
| 01-125 | USGS Hydro Assist for Mt Trumbel RCA | CP | AZ-SIG | TA | L | S | 1010 | 3 | n | 2.1 | | | | Inventory | x | declined by PRB | | | Robert Smith - 435.688.3245 |
| 01-126 | Performance Monitoring at Mine Rec Sites | GB | NVSO | TA | N | M | 1990 | 4 | n | 1.2 | | | | OSM & state responsibilities? | | declined by PRB | | | Tom Olsen - 775.861.6451 |
| 01-127 | Revised Geo Positioning Guide | N | WO | O | N | M | 1610 | 2 | y | 2.1 | 1 | 2 | | NSTC commits to updating guide with WO printing funds | | accepted | GS-WO-139 | Russell Jackson 303.236.1614 | Ed Harne - 202.452.5007 |
| 01-128 | Acquire and Process Landsat-7 Data | N | WO | O | N | M | 1610 | 3 | n | 1.5 | 1 | 2 | | Refer this to WO-200?? Sherry will look into funding | | declined by PRB | | | Ed Harne - 202.452.5007 |

BLM Science and Technology Proposals for FY 2001

| Proposal No. | Short Title | Science Region | Office | Type | Scope | Duration | Subactivity | IB Criteria | NSTC y/n | Strategic Plan | Transferability | Usefulness | Merge with... | Remarks | USGS Interest | Disposition | NSTC Project Number | Responsible Person (ST-100) | Proposal Author |
|--------------|---|----------------|---------|------|-------|----------|-------------|-------------|----------|----------------|-----------------|------------|----------------------------|--|---------------|-------------------|---------------------|------------------------------|-------------------------------|
| 01-129 | Cost Effectiveness of Remediation & Control Methods for ARD | PNW | OR-Spok | IS | N | S | AML | 1 | y | 1.4 | 1 | 1 | | Also Applies to AML. See 01-105 | | combined with 105 | | | George Brown 509.536.1213 |
| 01-130 | Effectiveness of Models for Acid Rock Drainage | PNW | OR-Spok | IS | N | S | AML | 1 | y | 1.4 | 1 | 1 | | see 01-105 | | combined with 105 | | | George Brown 509.536.1213 |
| 01-131 | Geophys Investigation of South Park Fens | N | NSTC | AS | L | M | 1040 | 2 | y | 2.1 | 3 | 2 | 01-026 | Combined with North Park Fen project, entered into NSTC database | | accepted | na | Pam Clemmer 303.236.0824 | Brent Lewis - 303.236.0550 |
| 01-132 | Use and Fidelity of Ferruginous Hawks | RM | WYSO | TA | R | M | 1110 | 2 | n | 2.1 | | | | Satellite tracking and monitoring | | declined by PRB | | | Larry Apple - 307.328.4204 |
| 01-133 | Standards and Guide for Electric Fence | RM | WYSO | O | R | M | 1020 | 2 | y | 1.2 | 1 | 1 | | NSTC commits to draft State policy and complete lit search with WSO | | accepted | na | Ned Habich 303.236.0166 | Tom Enright - 307.775.6329 |
| 01-134 | In-situ Bio-Remediation of GW and Pit Lakes at AML Sites | PNW | OR-Spok | R | N | M | AML | 3 | y | 1.4 | 1 | 1 | | pursuing partnership with DOE | | DOE | | Ken Smith 303.236.0206 | Kelly Courtright 509.536.1218 |
| 01-135 | More Effective Bio Controls Specific Weed Species | PNW | OR-Rose | O | R | L | 1020 | 1 | y | 2.2 | 1 | 1 | 01-136 | Literature review | | declined by PRB | | | Kirk Casavan - 541.464.3339 |
| 01-136 | Control Techniques for Brooms | PNW | OR-Rose | AS | N | S | 1020 | 2 | y | 2.2 | 1 | 1 | 01-011 01-135 01-137 | Combined lit review | | declined by PRB | | | Kirk Casavan - 541.464.3339 |
| 01-137 | Treatment for Non-Noxious Problem Weeds | PNW | OR-Rose | TA | N | L | 1020 | 2 | y | 2.2 | 1 | 1 | 01-136 | Combined lit review | | declined by PRB | | | Kirk Casavan - 541.464.3339 |
| 01-138 | Genetic Crossing of Yellow Star Thistle & Meadow Knap Weed | PNW | OR-Rose | O | R | M | 1020 | 3 | ? | 2.2 | | | | Explain why a BLM issue | | declined by PRB | | | Kirk Casavan - 541.464.3339 |
| 01-139 | Hot Water Treatment for Invasive Plants | PNW | OR-Rose | TA | R | S | 1020 | 2 | n | 2.2 | | | | Duplicate of 01-017 | | declined by PRB | | | Kirk Casavan - 541.464.3339 |
| 01-140 | Soil Gas Monitoring of Coal Bed Methane | RM | WYSO | TE | N | L | 1310 | 1 | y | 1.4 | 1 | 1 | | Split into 2 projects: soil gas monitoring and remote sensing | x | accepted | na | Nancy Russell 303.236.8035 | Ed Heffern - 307.775.6529 |
| 01-141 | Photogrammetric mapping of Collet Wash Dinosaur tracks, GSENM | CP | GSENM | TE | L | S | | | | | | | | Came in after proposal submission deadline, accepted late, not review by PRB | | accepted | GS-UT-077 | Neffra Matthews 303.236.0176 | |