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| **2018 BLM Assesment, Inventory and Monitoring (AIM)** | | |  |  |  |
| **Terrestrial Field Methods Course** | | |  |  |  |
| *July 22rd - 25th at the Las Cruces, NM BLM District Office* | | |  |  |  |
| *1800 Marquess St., Las Cruces, NM 88005* | | |  |  |  |
| **Monday,** *July 22* | **Activity** | **Who/Details** |  |  |  |
|  |  |  |
| 12:00 PM - 12:30PM | Introductions | Patrick  Nathan |  |  |  |
| Monitoring Bingo |  |  |  |
| 12:30 – 1:00 | Introduction to AIM | Patrick |  |  |  |
| 1:00 PM - 1:30 PM | Safety Briefing (crew safety is #1 priority) | Rachel |  |  |  |
| 1:30 PM - 2:30 PM | Implementing a Sample Design, Role of Quality Assurance and Quality Control in Monitoring. | Nathan |  |  |  |
| 2:45 PM – 5:00 PM | Introduction to Soils (brief before splitting into group- overview of soil texture triangle)  Ecological Sites | Justin (brief overview before splitting)  Then we will have half the class stay in the office listening to Patrick’s talk on Ecological Sites and other half will go to parking lot with Justin. We will switch groups after 1 hour and give the groups a 15 min break between sessions) |  |  |  |
| Plot Characterization and Observation  Soils Texturing Exercise |  |  |  |
| **Tuesday,** *July 23* |  |  |  |  |  |
|  |  |  |  |  |
| 7:00 AM - 7:45 AM | Travel to the field | Corralitos Site #1  32.3537 N, 106.9883 W |  |  |  |
| 7:45 AM - 8:30 AM | Plot Characterization/ Soil Pit | Justin |  |  |  |
| 8:30 AM - 10:30 AM | Plot Characterization/ Soil Pit Practice |  |  |  |  |
| 10:30 AM - 12:30 PM | Introduction to Terrestrial Core Methods | Plot set-up demo (10 min)- Rachel and Jenn (all together before round robin)  Plot characterization: Rachel  Species richness and LPI/height: Patrick  Canopy-gap: Jenn  Soil stability: Nathan |  |  |  |
| 12:30 PM - 1:30PM | Lunch in the field (*bring a lunch*) Crew lead lunch- Rachel, Nathan, Stephen |  |  |  |  |
| 1:30 PM - 4:00 PM | Continue Introduction of core methods and Begin Practice and Calibration (field) | Move to site 2- shallow site  Everyone sets up plot, digs pit, and practices methods with their own crews  32.2744 N, 106.9851 W |  |  |  |
| **Wednesday,** *July 24* |  |  |  |  |  |
|  |  |  |  |  |
| 7:00 AM - 8:00 AM | Intro to calibration | Catherine |  |  |  |
| 8:00 AM - 8:45 AM | Travel to the field | Entrance to Organ Mountain Desert Peaks Monument on Dripping Springs Road: 32.3120 N, 106.6488 W |  |  |  |
| 8:45 AM - 10:45 AM | Continue Core Method Practice and Calibration |  |  |  |  |
| 12:00 PM - 1:00 PM | Lunch in the field (bring a lunch) | There is shade, picnic tables and bathrooms about 4 miles up the road at La Cueva Picnic Area if folks want to travel there for lunch |  |  |  |
| 1:00 PM - 4:00 PM | Continue Core Method Practice and Calibration |  |  |  |  |
| **Thursday,** *July 25* |  |  |  |  |  |
|  |  |  |  |  |
| 8:00 AM - 9:30 AM | QA, QC, and Possible Errors Discussion | Patrick |  |  |  |
| Calibration Results |  |  |  |
| Open Q&A |  |  |  |
| 9:30 AM - 10:30 AM | AIM Methods Test |  |  |  |  |
| 10:30 AM - 12:00 PM | Open Q&A | Nathan |  |  |  |
| Survey 123 intro (folks not using Survey can leave- this may go later into the afternoon) |  |  |  |
| Wrap Up |  |  |  |

Trainers:

Patrick Alexander, BLM Las Cruces District Botanist: palexander@blm.gov

Nathan Redecker, BLM New Mexico State Office Botany and Monitoring Specialist: nredecker@blm.gov

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