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| **2018 BLM Assesment, Inventory and Monitoring (AIM)** |  |  |  |
| **Terrestrial Field Methods Course** |  |  |  |
| *July 23rd - 26th at the Las Cruces, NM BLM District Office*  |  |  |  |
| *1800 Marquess St., Las Cruces, NM 88005* |  |  |  |
| **Monday,** *July 23* | **Activity** | **Who/Details** |  |  |  |
|  |  |  |
| 12:00 PM - 12:30PM | Introductions | PatrickNathan |  |  |  |
| 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 ObservationSoils Texturing Exercise |  |  |  |
| **Tuesday,** *July 24* |   |   |  |  |  |
|   |   |  |  |  |
| 7:00 AM - 7:45 AM | Travel to the field | Corralitos Site #1 (site 2 from last year- clay site) |  |  |  |
| 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 - 12:00 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 |  |  |  |
| 12:00 PM - 1:00PM | Lunch in the field (*bring a lunch*) Crew lead lunch- Rachel, Nathan, Stephen |  |  |  |  |
| 1:00 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 |  |  |  |
| **Wednesday,** *July 25* |   |   |  |  |  |
|   |   |  |  |  |
| 7:00 AM - 8:00 AM | Intro to calibration | Nathan |  |  |  |
| 8:00 AM - 8:45 AM | Travel to the field | Tortugas Mountain Site  |  |  |  |
| 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)  |  |  |  |  |
| 1:00 PM - 4:00 PM | Continue Core Method Practice and Calibration |   |  |  |  |
| **Thursday,** *July 26* |   |   |  |  |  |
|   |   |  |  |  |
| 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) |  |  |  |
| Wrap Up |  |  |  |