

SAMPLE

Kansas NSF EPSCoR

Timeline

Date	Activity
July 2010	Advertise for laboratory technician, graduate student, and undergraduates; interview candidates as needed; order lab supplies; start draft of proposal using data obtained from preliminary studies (start-up funds)
August 2010	Collect soil samples; perform pool dilution and microbial biomass experiments while training technician; rework proposal draft
September 2010	Submit proposal to NSF; initiate long-term incubations; perform initial soil leachings, ^{13}C additions, and gas collections
October 2010	Diffuse inorganic N in pool dilution extracts onto filters, process soil sub-samples for baseline isotopic measurements, continuation of incubations
November 2010	Perform acid hydrolysis on soils, prepare residues for total C and $\delta^{13}\text{C}$ analyses, send filter disks from pool dilution away for analysis, continuation of incubations
December 2010	Send soil hydrolysis residues away for analyses, analyze incubation samples on gas chromatograph (g.c.) and autoanalyzer; continuation of incubations
January 2011	Continuation of g.c. and autoanalyzer analyses; continuation of incubations
February 2011	Continuation of g.c. and autoanalyzer analyses; compilation of stable SOM C and $\delta^{13}\text{C}$ data; analysis of pool dilution data; continuation of incubations
March 2011	Incorporate graduate student into project; continuation of g.c. and autoanalyzer analyses; start analyzing incubation respiration and net N mineralization data; continuation of incubations
April 2011	Continuation of g.c. and autoanalyzer analyses; continuation of incubations
May 2011	End incubations; prepare post-incubation soils for isotopic analysis; perform acid hydrolysis on incubated sub-samples; prepare hydrolysis residues for C and $\delta^{13}\text{C}$ analyses
June 2011	Finish g.c. and autoanalyzer analyses of incubation data; apply exponential model to respiration and net N mineralization data
July 2011	Travel to professional meeting to present research results
August 2011	Compile data from isotope lab and begin writing manuscript
September 2011	Continue manuscript preparation and submit to journal, write final report to Kansas NSF EPSCoR