

MS position in Forest Ecosystem Science in the Forest Resources or Ecology graduate programs at Penn State's University Park campus. We are seeking a MS student to study forests at Penn State's Living Filter, a land area that has been treated with waste water for over 30 years. The student will be integrally involved in a collaborative project to develop strategies to optimize forest ecosystem services at the locally managed and innovative waste water treatment facility. The position includes extensive fieldwork, as well as laboratory analytics. The student will measure forest growth, carbon and nitrogen storage, and indicators of physiological stress through analysis of forest composition, tree-rings, plant chemistry and soil chemistry. A bachelor's degree in forestry, ecology, biology, environmental sciences, or similar field is desirable. The position begins January 2019, with latest possible start date June 1st, 2019 and includes annual support of \$43,772 for stipend and tuition, as well as health care benefits. Contact Margot Kaye (mwk12@psu.edu) for more information on the position and how to apply. Collaborating faculty include Penn State faculty Jason Kaye (jpk12@psu.edu) and Mike Jacobson (mgi2@psu.edu).