

# Workshop on Measuring Ecosystem Carbon

**When:** April 1-2, 2023

**Where:** Riparian mesquite bosque restoration site at TNC's Three Links Farm, lower San Pedro River (approx. 20 miles North of Benson)

**Who: You?** Workshop will be led by ASU professor Dr. Heather Throop, and by staff of The Nature Conservancy. We'll have ASU students, and have invited some nearby landowners, plus other partners and volunteers. We're aiming for group size of 10-20 people.

**Why:** More and more people want to include carbon sequestration into decisions about how to manage lands and waters. But carbon dynamics are a mystery in many places, including southwestern riparian areas. And methods to estimate carbon storage and carbon capture rates are not widely taught. This site's experimental restoration project has been studying ecohydrology and wildlife use; now we also want to add carbon considerations.

**What:** This weekend will provide an introduction to methods for estimating two major pools of ecosystem carbon: soils and trees. While learning methods, we'll gather data that will be used by TNC land managers and others to measure the success of restoration projects and to make informed decisions about where to plant trees, where to remove trees, etc.

**Logistics:** Workshop will run two full days, entirely outdoors, with demonstrations and activities in both mature and second-growth riparian mesquite forest. The site is approximately 90 minutes' drive from Tucson. Rustic camping will be available on site. Expect sun, uneven ground, wildlife encounters, scratchy branches, stickers, great views, good company. Questions? Email Gita at [gbodner@tnc.org](mailto:gbodner@tnc.org).

Please RSVP as soon as possible, before March 28, to [gbodner@tnc.org](mailto:gbodner@tnc.org). We'll send a detailed agenda then. Group size will be capped at 20 people each day. If you want to participate but are only available one day, let us know and we'll try to accommodate. Interested but not available April 1-2? Send a note and we'll let you know about future events.

