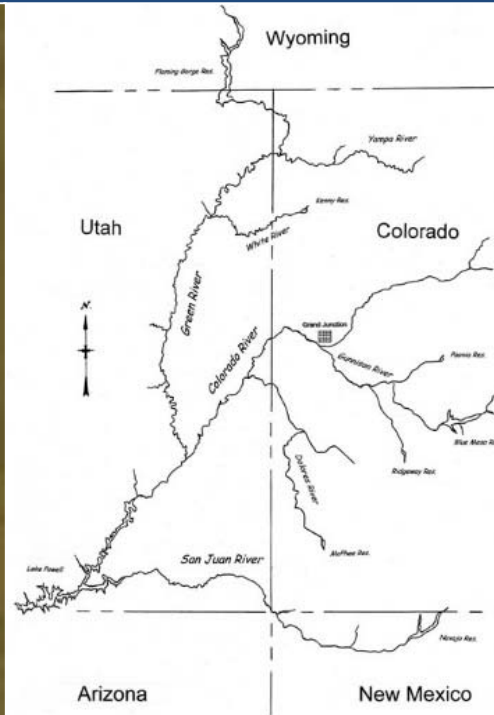


STReaMS: Species Tagging, Research & Monitoring System

Techinar Presentation

6/18/2015



Kirstin A. Holfelder, Amy Greenwell
Colorado Natural Heritage Program
Warner College of Natural Resources
Colorado State University
www.cnhp.colostate.edu



WARNER COLLEGE OF
Natural Resources

Colorado
State
University



Agenda

- New team members
- Planned interface improvements
- Deleting data – how much deleting do we allow?
- Downloading data – what do want to download?
- Upcoming Schedule
- Walkthrough of new features
 - New Studies & Sampling Events features
 - Revised Encounter/Individual Details feature
 - New PIA Location, antenna & arrays features



New Team Members



Kirstin Holfelder
PI
Lead Developer,
Development Manager
970-491-4628



Michael Menefee
Server Manager,
Tester



Amy Lavender Greenwell
Co-PI
Project Manager,
Lead Tester
970-491-2847



Greg Newman
User Interface Design,
Graphic Artist,
Developer
(See CitSci.org)



Rob Schorr
Tester, Zoologist

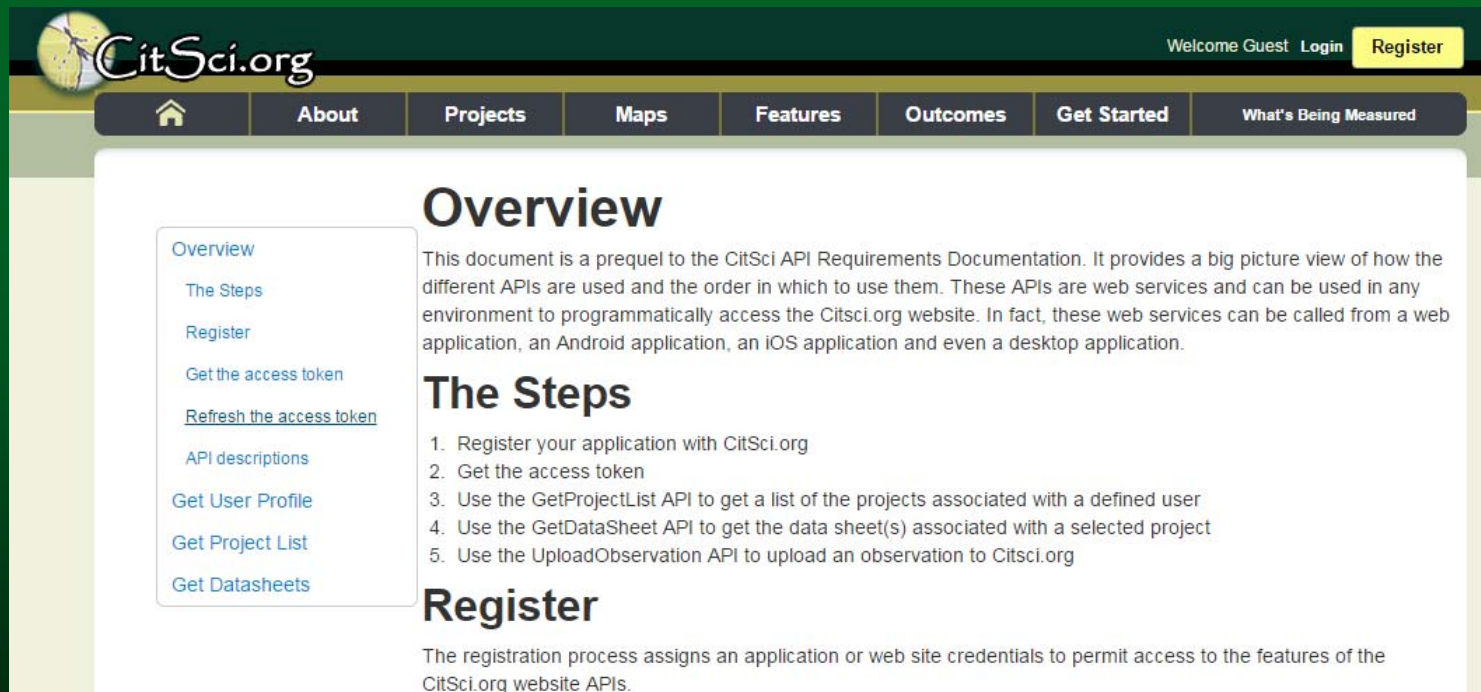


Russ Scarpino
Developer



Planned Interface Improvements

- Style Revisions
 - Easier to read tables w/ better spacing
 - Clearer headings
- Table of contents



The screenshot displays the CitSci.org website interface. At the top left is the CitSci.org logo, and at the top right are links for "Welcome Guest", "Login", and a yellow "Register" button. A navigation menu below the header includes "About", "Projects", "Maps", "Features", "Outcomes", "Get Started", and "What's Being Measured". The main content area is titled "Overview" and contains a sidebar with a table of contents, a main text block, and a "The Steps" section with a numbered list. Below "The Steps" is a "Register" section with introductory text.

CitSci.org Welcome Guest Login Register

Home About Projects Maps Features Outcomes Get Started What's Being Measured

Overview

This document is a prequel to the CitSci API Requirements Documentation. It provides a big picture view of how the different APIs are used and the order in which to use them. These APIs are web services and can be used in any environment to programmatically access the Citsci.org website. In fact, these web services can be called from a web application, an Android application, an iOS application and even a desktop application.

The Steps

1. Register your application with CitSci.org
2. Get the access token
3. Use the GetProjectList API to get a list of the projects associated with a defined user
4. Use the GetDataSheet API to get the data sheet(s) associated with a selected project
5. Use the UploadObservation API to upload an observation to Citsci.org

Register

The registration process assigns an application or web site credentials to permit access to the features of the CitSci.org website APIs.

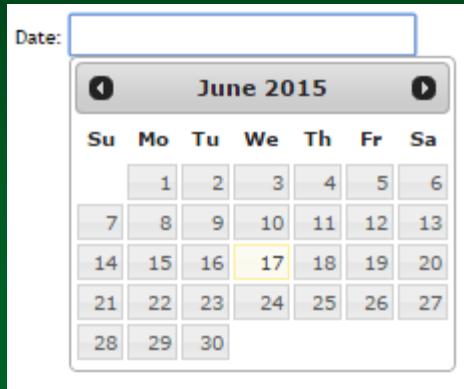
Table of Contents:

- Overview
- The Steps
- Register
- Get the access token
- Refresh the access token
- API descriptions
- Get User Profile
- Get Project List
- Get Datasheets



Interface Improvements (cont.)

- Date Pickers (and separating dates from times)



- Inline error checking (maybe)
 - Won't have to refresh the page to see that required fields have been missed



Deleting Data

- Would you prefer orphaned data, or deleted data?
- How much do we allow?
 - Studies
 - Sampling events
 - Encounters
 - Individuals



Downloading Data

- Tags...
 - Most recent tag
 - Columns for additional tags (up to 4, at the end)
- Planned “canned” downloads:
 - Encounters (straight from filtered list on encounters page)
 - Studies
 - Antenna Locations
 - Encounter by River-ish
 - Cross-river fish – fish found in more than one river/reach
 - Cross-study fish – found in more than one study



Upcoming Schedule

June

- Start importing and reformatting data
- Canned data downloads

July

- Finish importing and reformatting data
- Tag lots (tag distribution)
 - Browse, but no edit w/o an upload
- Conditions (at antennas and sampling events)



Walkthrough

- Stuff worth repeating
 - 2015 data: business as usual
 - This is a test database

