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## GreenInfo Interns

Over the past few months GreenInfo has been lucky to have four great interns. Matt Clark has been working on collecting updated data for campgrounds for our [ParkInfo](#) site and help with other projects. Diana Pancholi has been mapping prototypes for safe routes to schools. Imre Freeve and Melanie Jonas have been working to improve CPAD (congratulations to Melanie who just took a job with a carbon sequestration startup). Imre just got approved for a longer term internship with GreenInfo and will be working on CPAD related projects for the next several months. Thanks to all of you for your efforts!

[CPAD 1.7](#)

Halloween is quickly approaching and you might be wondering where your pumpkin came from...check out what states produce the most [pumpkins](#). If you feel the need to be creative with your pumpkin carving, why not try a [pumpkin map](#)? For those of you in the Bay Area, here is a collection of [pumpkin patches and haunts](#).

GreenInfo is proud to announce the birth of another GIS baby! Stephanie Ding is the proud mom of daughter Gianna and will return to work in November.

GreenInfo is looking for a GIS Specialist, a Mobile App Developer and a Data Intern. Check out the job descriptions [here](#).

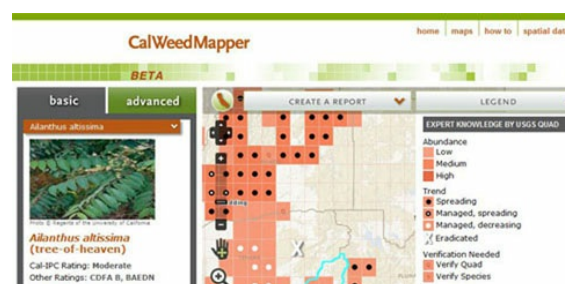
## Learn About Agriculture in California

The [California Agricultural Almanac](#) ([www.calagalmanac.com](http://www.calagalmanac.com)) launched as a Beta site in late September - users apply innovative mapping strategies to explore a huge range of agricultural place and crop information in California, as well as accessing farmers market and farm data. Details on crops show seasons, and in many parts of the State you can zoom to see highly detailed photos of individual farms. Created by GreenInfo for SAGE ([Sustainable Agriculture Education](#) - [www.sagecenter.org](http://www.sagecenter.org)), the site was developed by a team that included Larry Orman, Jennifer Strahan, Greg Allensworth, Maegan Leslie Torres and our design colleague [Annabelle Ison](#) ([www.isondesign.com](http://www.isondesign.com)). Check out some tasty specialty crops on the Cal Ag Almanac!



## CalWeedMapper

Invasive weeds are a serious challenge to California, and there are intense efforts to contain and eradicate them. The Calif. Invasive Plants Council engaged GreenInfo Network as part of a team to develop [CalWeedMapper](#) to help biologists, land managers,



planners and others learn about weed spread and treatment. Larry Orman, Jennifer Strahan, Greg Allensworth (and ex-staffer Rhonda Friberg) developed the overall website design (with assistance from Ison Design) and the architecture of the sophisticated mapping system

CPAD 1.7 is ready for [download!](#) ([www.calands.org](http://www.calands.org)) This update of GreenInfo Network's protected areas database includes new data for many federal, state and regional agencies, better parcel alignment and more parks in urban areas, plus corrections and other improvements. Also - help us improve CPAD by using MapCollaborator (tm), our crowdsourcing engine, to review the lands you know about and pin notes and drawings directly to the online map - give it a [try](#).

## ArcView Home Edition

Ready to try out GIS? Do we have a deal for you - Esri now has a complete package of ArcGIS/ArcView plus all extensions for \$100, for personal, home use. No support, but together all those programs cost over \$20,000. Learn more at: <http://www.esri.com/arcgis-for-home/index.html> (However to get upgrades, you have to buy a new version at the same price..).

## Laugh Lines



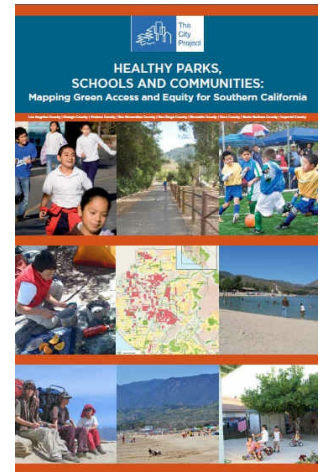
## Map Lines Archive:



the site uses, plus assisted on site implementation. Browse the mapper, select a species and download and extensive PDF report on what's going on with it.

## Park Equity in Southern California

The City Project and GreenInfo are proud to announce the policy report [Healthy Parks, Schools and communities: Green Access and Equity for Southern California](#). The City Project report analyzes the nine county region - Los Angeles, Orange, Ventura, San Bernardino, Riverside, San Diego, Kern, Santa Barbara, and Imperial - using narrative analysis, GIS mapping, and demographic and economic data, all created by GreenInfo's Amanda Recinos. The report includes community based participatory research to engage, educate and empower decision make and the community concerning access to parks and recreation, quality education including physical education, healthy eating, transportation to green space, and local green jobs in under-served communities.



## FOSS4G Knocked our Socks Off!



Wow! GreenInfo staffers Jennifer Strahan, Greg Allensworth and Robert Graham headed over to Denver for the Free and Open Source Software for Geospatial ([FOSS4G](#)) conference last month, and saw some amazing new tools that are going to revolutionize the way we all

approach web mapping. Highlights (geek warning, Muggles proceed with caution):

- 1) [OpenLayers Mobile](#) - We can now create mobile-optimized map applications using OpenLayers with jQuery Mobile or Sencha Touch.
- 2) [TileMill](#) - An application for making beautiful web maps that is very easy for designers or cartographers to use. No programming skills needed. Based on the Mapnik rendering engine.
- 3) New map tile serving options, [TileStache](#) and [MapCache](#), offer smoking fast performance and can generate on-the-fly composites from multiple map layers, including dynamic data sources!

It was great to see that ESRI also had a strong presence at FOSS4G, with several talks highlighting ways in which they are working with the open source community to bridge the gap between open and proprietary systems.

If you'd like to learn more about any of these, or want to know more about what we saw at FOSS4G, drop us a line (mailto: [jennifer@greeninfo.org](mailto:jennifer@greeninfo.org)).

## Geek Corner

For all you geodatabase users here is code useful for decoding a field into another field inside a gdb:

```
def dedo(myField, val):
    # (decode_domain)
    # Your layer must be the FIRST in the map/toc (ungrouped)!!!
    # change parser radio button to Python
```

[www.greeninfo.org/archive](http://www.greeninfo.org/archive) 

## GreenInfo Sites:

[www.greeninfo.org](http://www.greeninfo.org) 

[www.mapsportal.org](http://www.mapsportal.org) 

[www.parkinfo.org](http://www.parkinfo.org) 


[www.landtrustgis.org](http://www.landtrustgis.org) 

[www.calands.org](http://www.calands.org) 

[www.protectedlands.net](http://www.protectedlands.net) 

Got great tips for us to put  
in Map Lines? Send 'em.

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```
# in bottom block type something like this (using the name of the field you want to decode):
# dedo( "AGNCY_ID", !AGNCY_ID! )
# Warning: This Is A Hack. Esri: please give us something better. Everyone: if you have
improvements to this, please email
# john@greeninfo.org
import arcpy, os
mxd = arcpy.mapping.MapDocument("CURRENT")
lyr = arcpy.mapping.ListLayers(mxd)[0]
fields = arcpy.ListFields(lyr.dataSource)
for field in fields:
    if field.name == myField:
        #newTbl = lyr.workspacePath + os.sep + field.domain
        newTbl = arcpy.env.workspace + os.sep + field.domain
        if arcpy.Exists(newTbl):
            arcpy.Delete_management(newTbl)
        arcpy.DomainToTable_management(lyr.workspacePath, field.domain, newTbl, "codeField",
"descField")
        dom_rows = arcpy.SearchCursor(newTbl)
        for drow in dom_rows:
            if drow.getValue("codeField") == val:
                out = drow.getValue("descField")
        return out
__esri_field_calculator_splitter__
dedo( "AGNCY_ID", !AGNCY_ID!
```

### Happy mapping from the GreenInfo Team!

Larry Orman, Amanda Recinos, Tim Sinnott, Jennifer Strahan, Alex Barnish, John Kelly, Stephanie Ding, Maegan Leslie Torres, Robert Graham. Greg Allensworth and Aubrey Dugger



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