UNIVERSIDAD COMPLUTENSE MADRID

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Nix Nox
http://nixnox.stars4all.eu

Nixnox project

Places to stagaze

NixNox is a scientific Pro-Am project based on UCM, and sponsored by SEA and STARS4ALL.

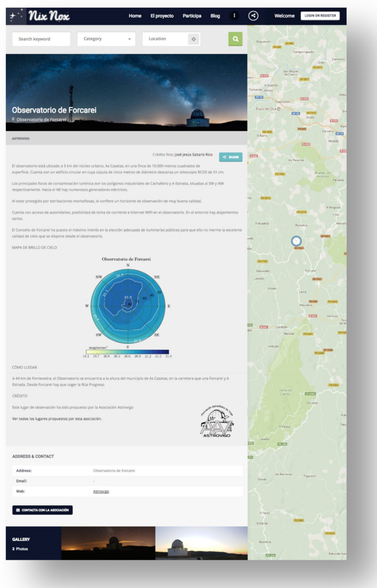
This work started as an effort to find and characterize places around Spain to enjoy starry skies. To do so professional and amateur astronomers are collaborating together.

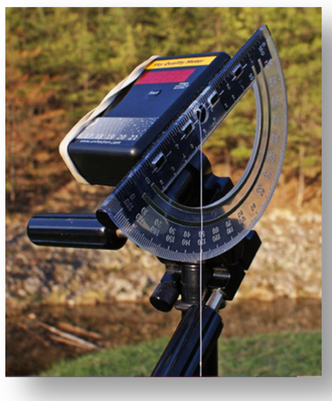
Website

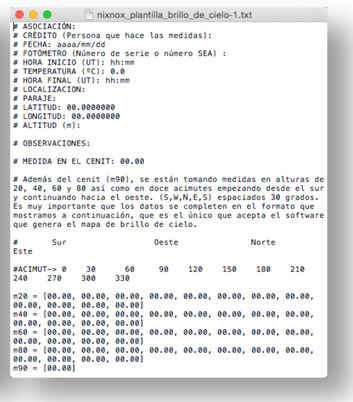
http://nixnox.stars4all.eu

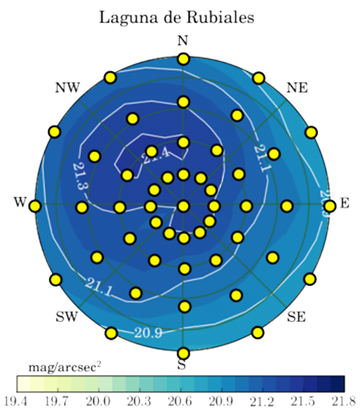
All the information is displayed in the form of cards Including:

- Header picture
- Place description with relevant information for astronomers
- Categories
- Responsive map
- Day and night pictures
- Author credits
- Amateur astronomy associations links









Taking measurements

If you want to participate you will need a photometer. The one in the picture is an SQM installed on a photography tripod with a protractor. The idea is measuring the sky brightness every 30 degrees of Azimuth and 20 in altitude getting a matrix of data to fill the text stencil that you can find in our webpage.

You will be asked to fill other data such as the date, the time, the temperature, and the gps coordinates.

Building the map

Custom software has been developed to transform the data into all-sky brightness maps caracterizing light pollution sources both in intensity and direction.

We are in touch with around 25 amateur astronomer associations that have already gathered information of more than 130 places.

Nixnox, the book

With all this information we would like to
create a physical book.

We will gather all the cards and display all the beautifull pictures in high resolution.

XIII Reunión Científica de la Sociedad Española de Astronomía

Salamanca,
16 - 20 Julio 2018

MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

Authors acknowledge financial support by the MINECO project AYA2016-75808-R

This work is being developed within the framework of the Spanish Network for Light Pollution Studies, REECL. (AYA2015-71542-REDT)

STARS4ALL is a project funded by the EU H2020 Programme (688135) as part of Digital Social innovation.

Horizon 2020 European Union funding for research and innovation