biota Documentation

Release 1

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CHAPTER 1

Introduction

This documentation will show:

- How to generate a biomass map using the ALOS mosaic product
- A method for generating a biomass change map (deforestation and degradation)

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2.2.1 Submodules

2.2.2 biota.calibration module

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2.2.4 biota.download module

biota.download.**checkYears**(*years*)
    Reduces input years to those available for the ALOS mosaic (or may be available in future).

biota.download.**decompress**(*targz_file*, *remove=False*)
    Unzips .tar.gz ALOS mosaic files downloaded from JAXA, and removes original where requested.

biota.download.**download**(*url*, *output_dir='/home/docs/checkouts/readthedocs.org/user_builds/biota/checkouts/stable/docs/sou*
    Download data from JAXA FTP server

biota.download.**generateURL**(*lat*, *lon*, *year*, *large_tile=False*)
    Generates a URL to fetch ALOS mosaic data from JAXA FTP server.

biota.download.**main**(*lat*, *lon*, *year*, *large_tile=False*, *output_dir='/home/docs/checkouts/readthedocs.org/user_builds/biota/che*
               remove=False)
    Run through data download and preparation chain

`biota.download.`**`removeTarGz`**(*targz_file*)
> Deletes ALOS-1/ALOS-2 .tar.gx files from disk. Input is a compress ALOS-1/ALOS-2 file from JAXA.

#Module contents #————— # #.. automodule:: biota # :members: # :undoc-members: # :show-inheritance:

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