



- The DeDop Studio will be used to
  - create and manage named DeDop Processor configurations,
  - invoke the DeDop core processor with a given configuration and finally to
  - read in the processor outputs for exploration and comparison with former outputs.
- It will have a clear, comprehensive, intuitive and accessible user interface and comprise a flexible and extendible set of data visualisations and analysis functions for the L1A, L1BS and L1B outputs.

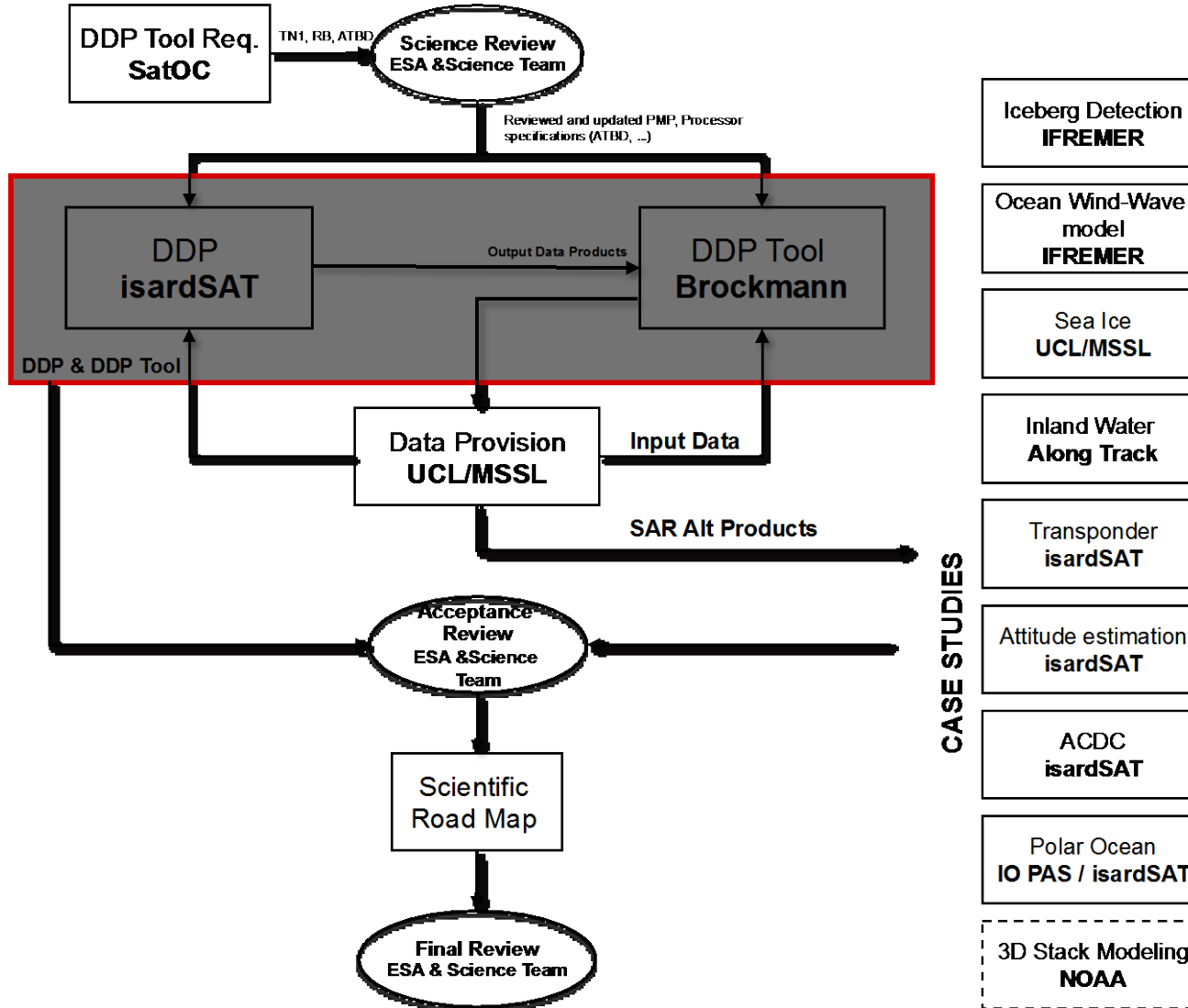


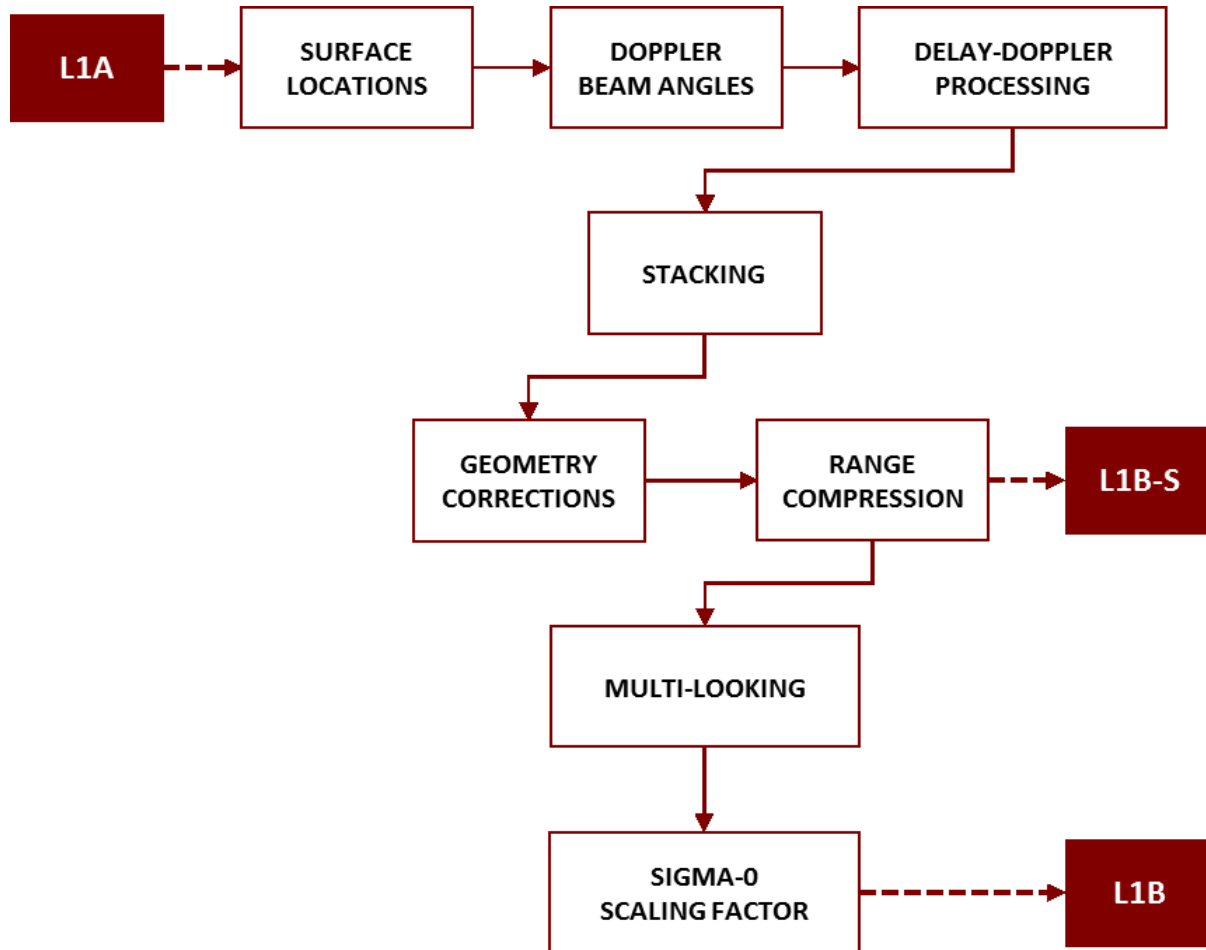
- The DDP is **open source** and the code will be **freely available**, in such a way that users will be able to explore the code and its **configurable** possibilities and to modify it to their own needs.
- The DeDop studio will also include various **demonstrations** of new features that can be investigated and retrieved

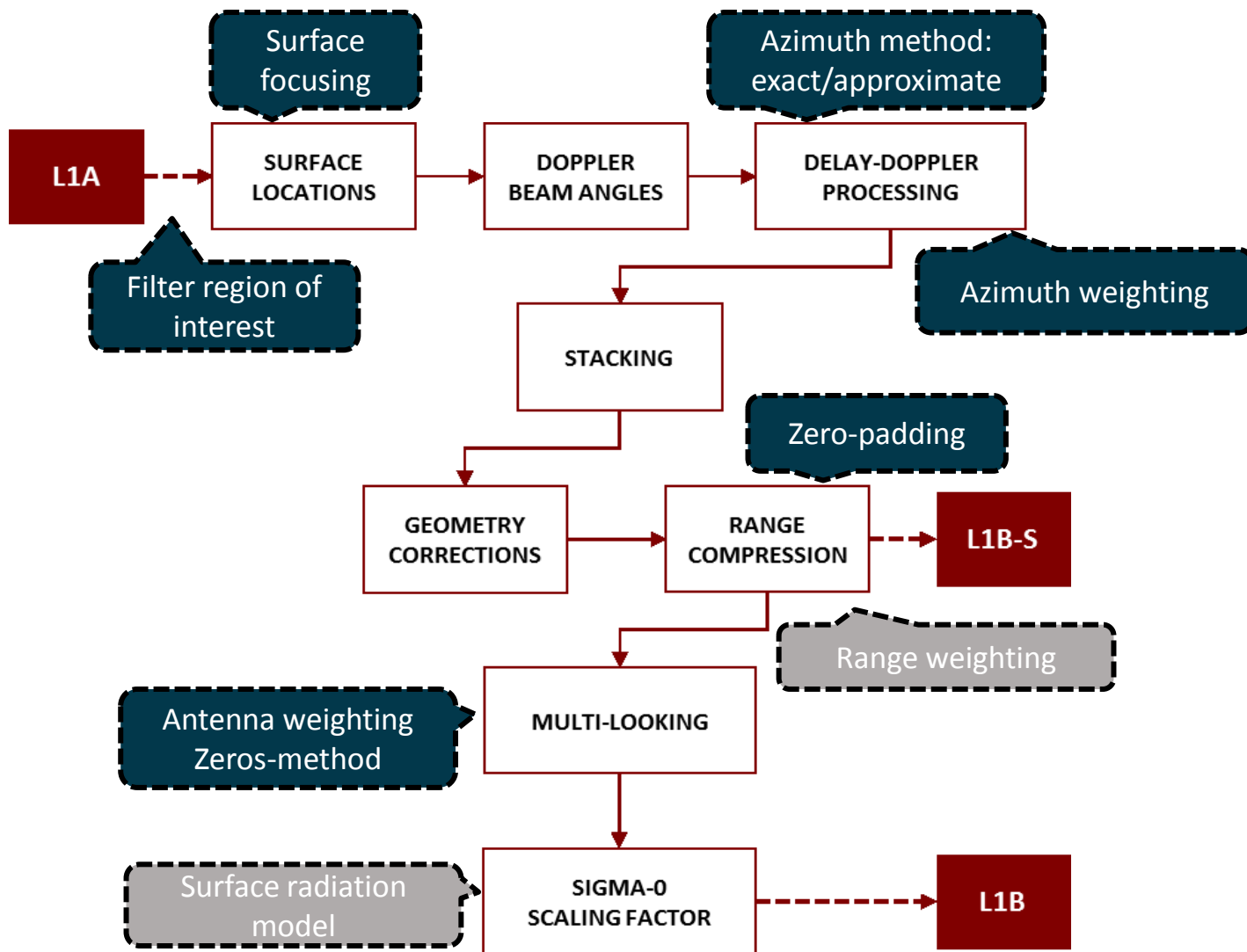
The key algorithms for the DDP were developed within the ESA Sentinel-6 Poseidon-4 GPP project.

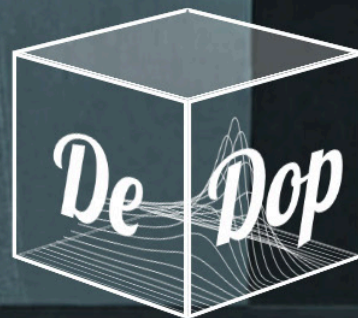


# DeDOP ORGANISATION AND WORKFLOW









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**OBJECTIVE**

**BACKGROUND**

**PARTNERS**

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*Get involved!*

# Delay-Doppler Altimetry Studio

where you can customise your own data processing





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where you can customise your own data processing



- Introduction
- Quick Start
- Installation
- Manual
- API Reference

Open Source (including Read the Docs) is underfunded. This [report](#) from the Ford Foundation is a must-read.

# DeDop<sup>3</sup> Tool Documentation

## Warning

This user manual for the DeDop software is still under construction while we are developing towards the first release of the DeDop software.

## Contents:

- [Introduction](#)
  - [Delay Doppler Altimeter Data](#)
  - [The DeDop<sup>3</sup> Project](#)
  - [The DeDop Tool](#)
- [Quick Start](#)
  - [Before you start](#)
  - [Processing a L1A to L1B](#)
  - [Changing the processor configuration](#)
- [Installation](#)
  - [From Binaries](#)
  - [From Source](#)
- [Manual](#)
  - [Workspace Management](#)
  - [Processor Configuration Management](#)
  - [Running the Processor](#)
  - [Analysing L1B Results](#)
  - [Command Reference](#)
  - [Tool Configuration](#)
- [API Reference](#)
  - [Input / Output](#)
  - [Configuration](#)
  - [Processor](#)
  - [Utilities](#)

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the DeDop  
studio  
toolbox

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DeDop / dedop

Watch 6 Star 1 Fork 0

- Code Issues 2 Pull requests 0 Projects 0 Wiki Pulse Graphs

DeDop is a User Configurable Tool for Processing Delay Doppler Altimeter Data. <http://dedop.org/>

444 commits 7 branches 3 releases 5 contributors GPL-3.0

Branch: master New pull request

Find file Clone or download

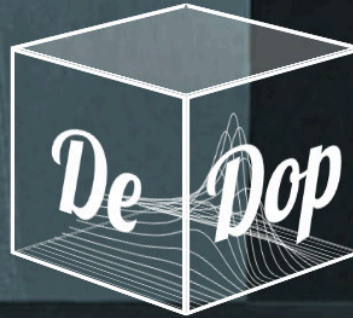
	mark-ep added stacking masking toggle CNF option	Latest commit 595ed87 9 days ago
dedop	added stacking masking toggle CNF option	9 days ago
docs	change the link for downloading the binaries	a month ago
notebooks	switched from basemap to bokeh to get rid of win-64 incompatibilities	3 months ago
test_data	added stacking masking toggle CNF option	9 days ago
tests	added stacking masking toggle CNF option	9 days ago
.gitignore	(re)Added test data files	3 months ago
.travis.yml	fix travis build by using a fixed version of matplotlib 1.5.1	a month ago
LICENSE	fixed license	5 months ago
README.md	Update README.md	4 months ago
compare-script.py	updated Quick Start and example scripts	3 months ago
environment.yml	switched from basemap to bokeh to get rid of win-64 incompatibilities	3 months ago
inspect-script.py	updated Quick Start and example scripts	3 months ago
readthedocs.yml	added environment.yml and readthedocs.yml so that the automodule work...	4 months ago
setup.py	version 0.5.0	3 months ago







European Space Agency



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where you can customise your own data processing

DeDop site by isardSAT





DeDop Results & Publications Forum ALT Gallery FAQ Contact



**DeDop was introduced by Craig Donlon**  
 15 May, 2016 Symposium No Comments  
 DeDop was introduced by Craig Donlon during the Sentinel-6 session at the ESA Living Planet Symposium in Prague.



**ESA Living Symposium 2016**  
 25 April, 2016 Blog, Symposium No Comments  
 DeDop will attend the next ESA Living Symposium

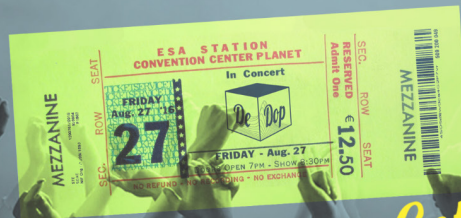
**News**

- DeDop was introduced by Craig Donlon 15 May, 2016
- ESA Living Symposium 2016 25 April, 2016

**Calendar**

October 2016

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						
« Sep				Nov »		



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## Delay Doppler Altimetry Studio






DeDop site by isardSAT

### Forum

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Forums >

#### Dedop Forum

General	Topics	Posts
 <a href="#">Off Topic</a>	0	0
 <a href="#">Showcase</a> Doing something exciting with DeDop? Show it off here!	0	0
Help and Support	Topics	Posts
 <a href="#">Help and Advice</a> For advice and questions on how to use the DeDop tool.	0	0
 <a href="#">Technical Support</a> If you are having technical problems installing or running DeDop, this is the place to go. <a href="#">Recent Topics</a> 	1	1

 [Reporting Bugs](#)

5 days ago [By isardSAT](#)

#### News

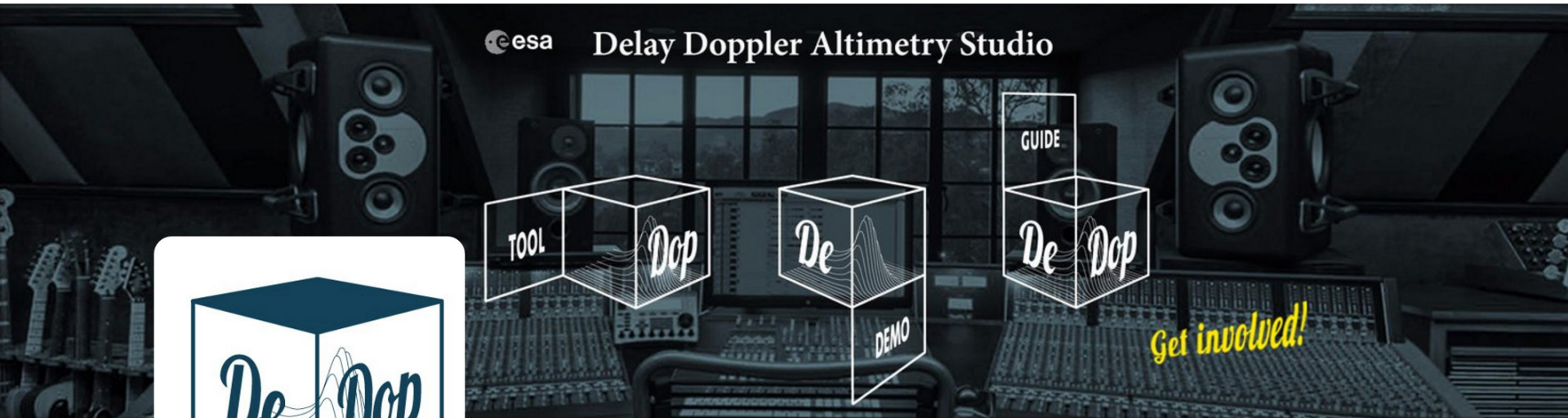
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#### Calendar

October 2016

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31						
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esa Delay Doppler Altimetry Studio

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Joined April 2016

@DeDop\_Studio hasn't tweeted yet.

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[#المسعوديه\\_اليابان](#)  
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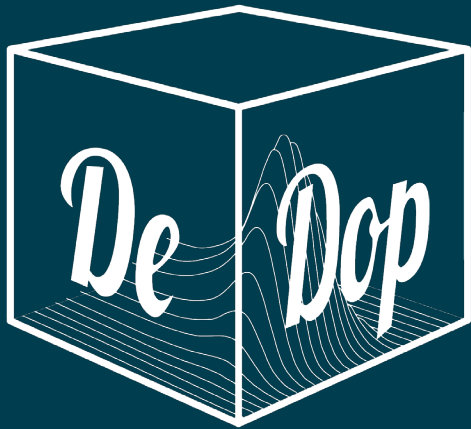




DeDop makes me think of beBop which was the birth of modern jazz, a music with an emphasis on improvisation and virtuosity of technique, laid over a complex structure. The association does not seem at all bad for a system that is intended to open the field to innovative and unanticipated applications.

by Chris Ray, October 2015





**THANK YOU**