

35 - Validando Catálogos DES Y6

Ferramentas para visualização de detecções

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Science Server

Como acessar: <http://desportal.cosmology.illinois.edu/>

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Tile Inspection Sky Viewer **Target Viewer** User Query

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




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Tipos de Catalogos Disponíveis:

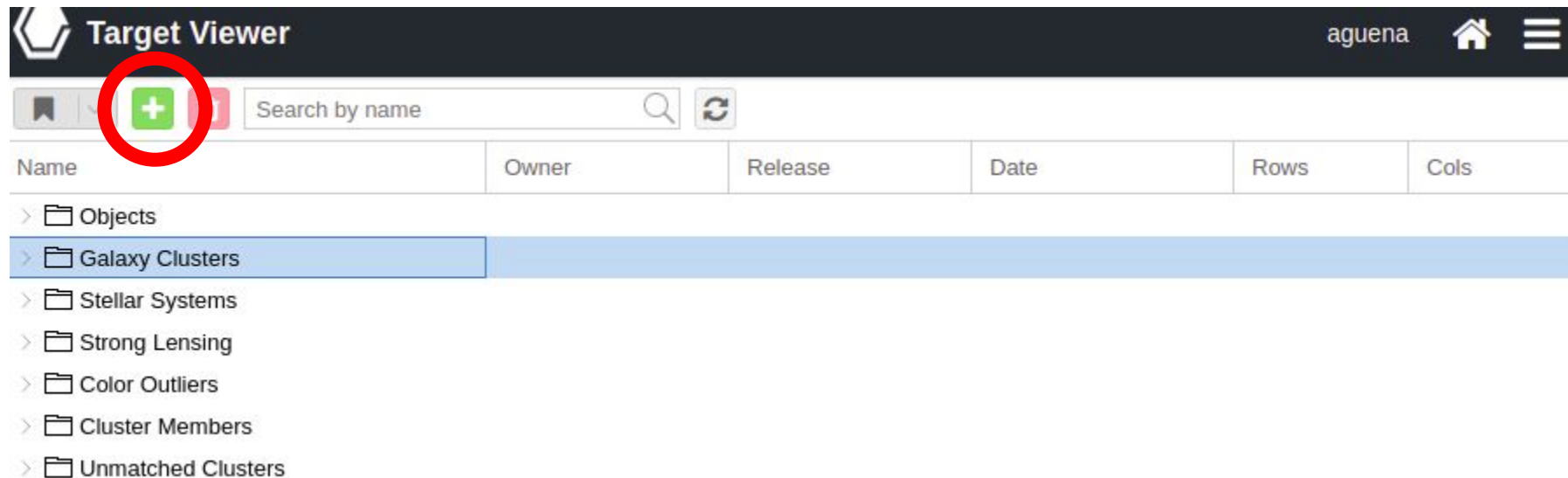
 **Target Viewer**

aguena  

Name	Owner	Release	Date	Rows	Cols
>  Objects					
>  Galaxy Clusters					
>  Stellar Systems					
>  Strong Lensing					
>  Color Outliers					
>  Cluster Members					
>  Unmatched Clusters					

Adicionar catálogos:



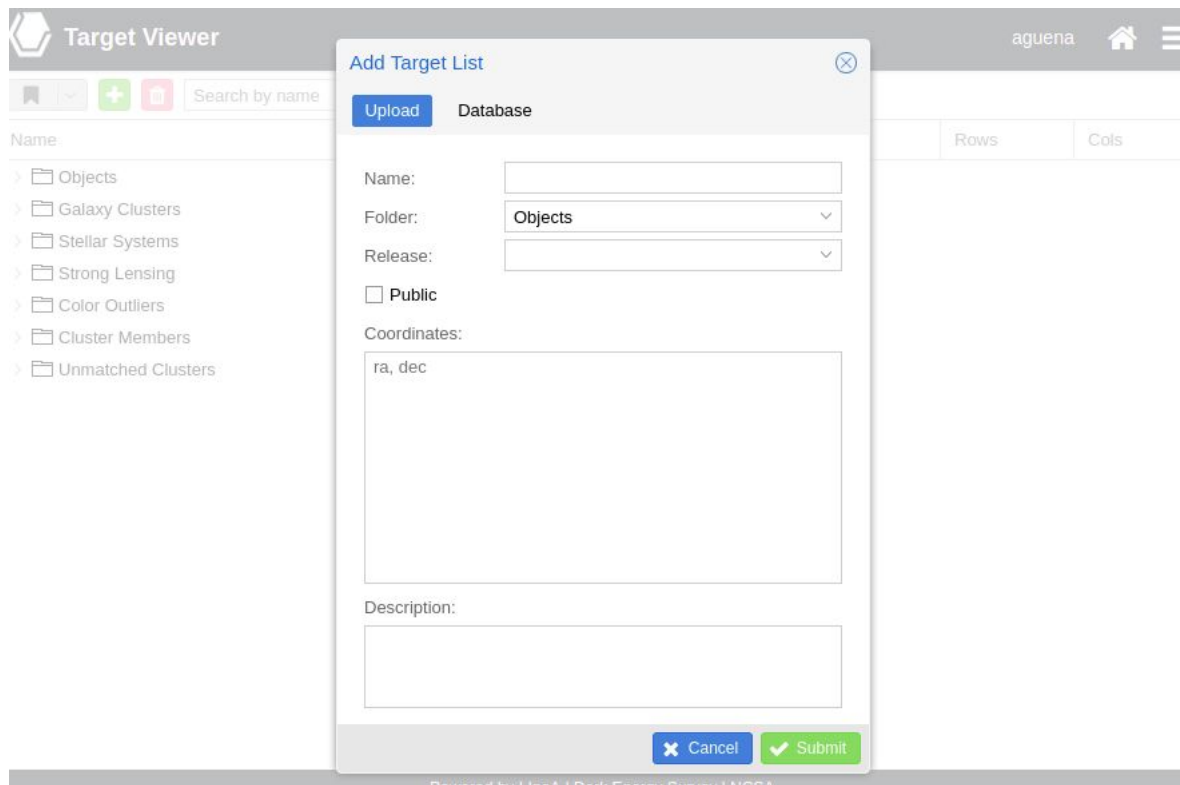
Target Viewer aguena

Search by name

Name	Owner	Release	Date	Rows	Cols
> Objects					
> Galaxy Clusters					
> Stellar Systems					
> Strong Lensing					
> Color Outliers					
> Cluster Members					
> Unmatched Clusters					

Adicionar catálogos

Manualmente:



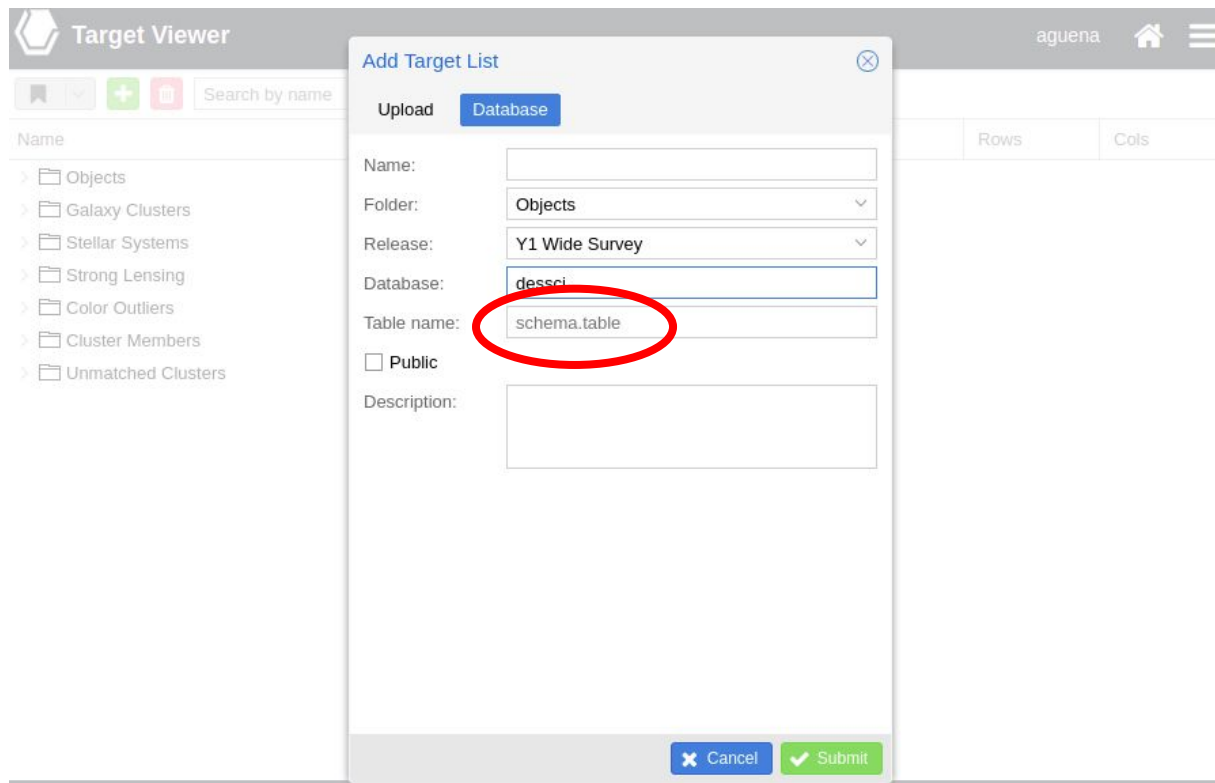
The screenshot shows the 'Target Viewer' web application. A modal dialog titled 'Add Target List' is open, allowing manual entry of a target list. The dialog has a close button (X) in the top right corner. It contains the following fields and options:

- Upload** button and **Database** tab.
- Name:** A text input field.
- Folder:** A dropdown menu with 'Objects' selected.
- Release:** A dropdown menu.
- ☐ **Public** checkbox.
- Coordinates:** A large text area with 'ra, dec' entered.
- Description:** A text area.
- Cancel** and **Submit** buttons at the bottom.

The background interface shows a sidebar with a tree view of catalog categories: Objects, Galaxy Clusters, Stellar Systems, Strong Lensing, Color Outliers, Cluster Members, and Unmatched Clusters. The main area displays a table with columns 'Rows' and 'Cols'. The top right of the interface shows the user 'aguena' and navigation icons.

Adicionar catálogos

Importar do Banco
de Dados



The screenshot shows the 'Target Viewer' application interface. A modal dialog titled 'Add Target List' is open, with the 'Database' tab selected. The 'Table name' field, containing 'schema.table', is circled in red. The 'Database' field contains 'dessci'. The 'Folder' is set to 'Objects' and the 'Release' is 'Y1 Wide Survey'. The 'Public' checkbox is unchecked. The 'Description' field is empty. The background shows a sidebar with a tree view of catalog categories and a main table area with columns 'Rows' and 'Cols'.

Target Viewer

aguena

Search by name

Name

- Objects
- Galaxy Clusters
- Stellar Systems
- Strong Lensing
- Color Outliers
- Cluster Members
- Unmatched Clusters

Add Target List

Upload Database

Name:

Folder: Objects

Release: Y1 Wide Survey

Database: dessci

Table name: schema.table

☐ Public

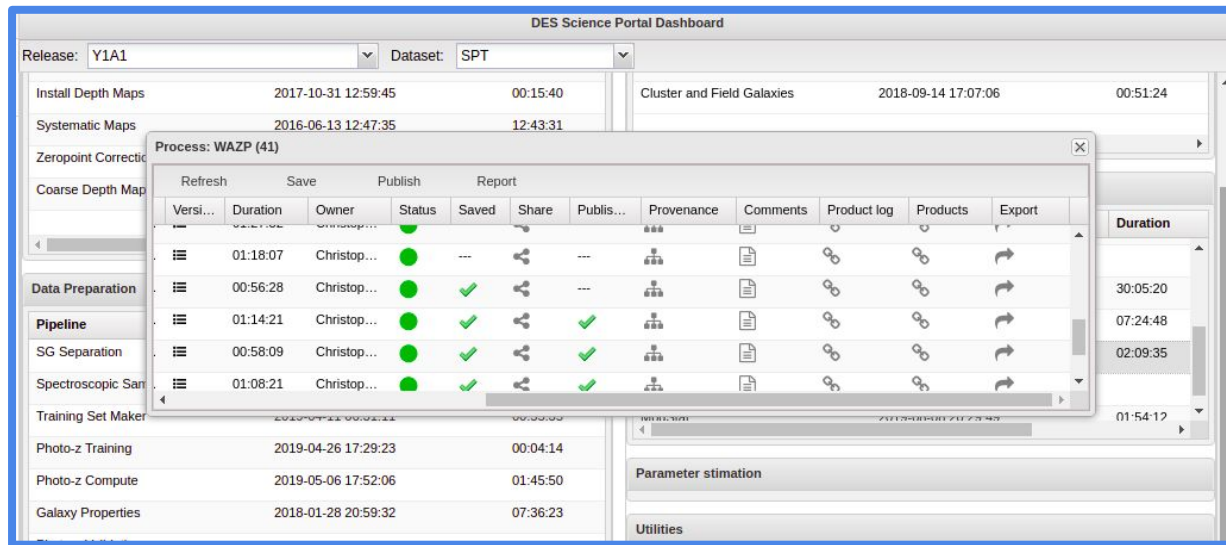
Description:

Cancel Submit

Adicionar catálogos

Exportar do portal:

1. Ir no Dashboard
2. Encontrar o seu processo e clicar em export



Catálogos integrados:

Target Viewer aguena

Search by name

Name	Owner	Release	Date	Rows	Cols
> Objects					
> Galaxy Clusters					
Galaxy Clusters 20	des		2017-03-15 14:03:48	103	
Galaxy Clusters 12	des	Y1 Wide Survey	2017-04-11 16:04:22	18089	
Galaxy Clusters 3	des	Y1 Wide Survey	2017-04-24 10:04:09	140899	
RM_6417_LGT20_TIDAL_1E7	ynzhang	Y3A2	2017-10-18 02:10:33	171	
Y3A2_759_CLUSTERS	diehl	Y3A2	2017-11-09 22:11:39	759	
SZ SPT clusters within Y1 10	des		2017-11-16 10:11:55	264	
Galaxy Clusters 6	des	Y1 Wide Survey	2017-11-16 12:11:31	160403	
Galaxy Clusters 8	des	Y1 Wide Survey	2017-11-20 08:11:52	150713	
GC 6 Rich100	ogando	Y1 Wide Survey	2017-11-20 15:11:13	7	
Galaxy Clusters 9	des	Y1 Wide Survey	2017-11-23 07:11:55	149542	
Galaxy Clusters 7	adean	Y1 Wide Survey	2017-11-23 16:11:09	156148	
Galaxy Clusters 17		Y1 Wide Survey	2019-01-09 15:01:50	123165	
RedMaPPer Y1A1 v6.4.17 Full			2019-01-22 09:01:01	232400	
SZ-SPT 2014 Cluster Catalog			2019-01-22 09:01:56	677	
RedMaPPer Y1A1 v6.4.17 Cosm	aguena		2019-02-06 17:02:10	83238	
SZ-SPT Bocquet 2018	aguena		2019-02-06 17:02:49	677	
> Stellar Systems					

Process: 2871
Size: 63 MB

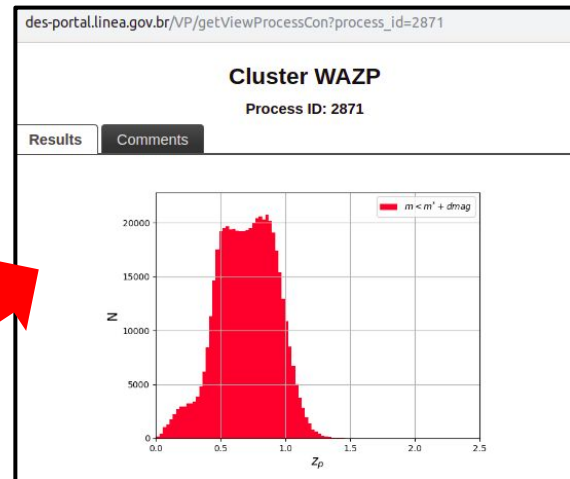
Catálogos integrados

Target Viewer aguena

Search by name

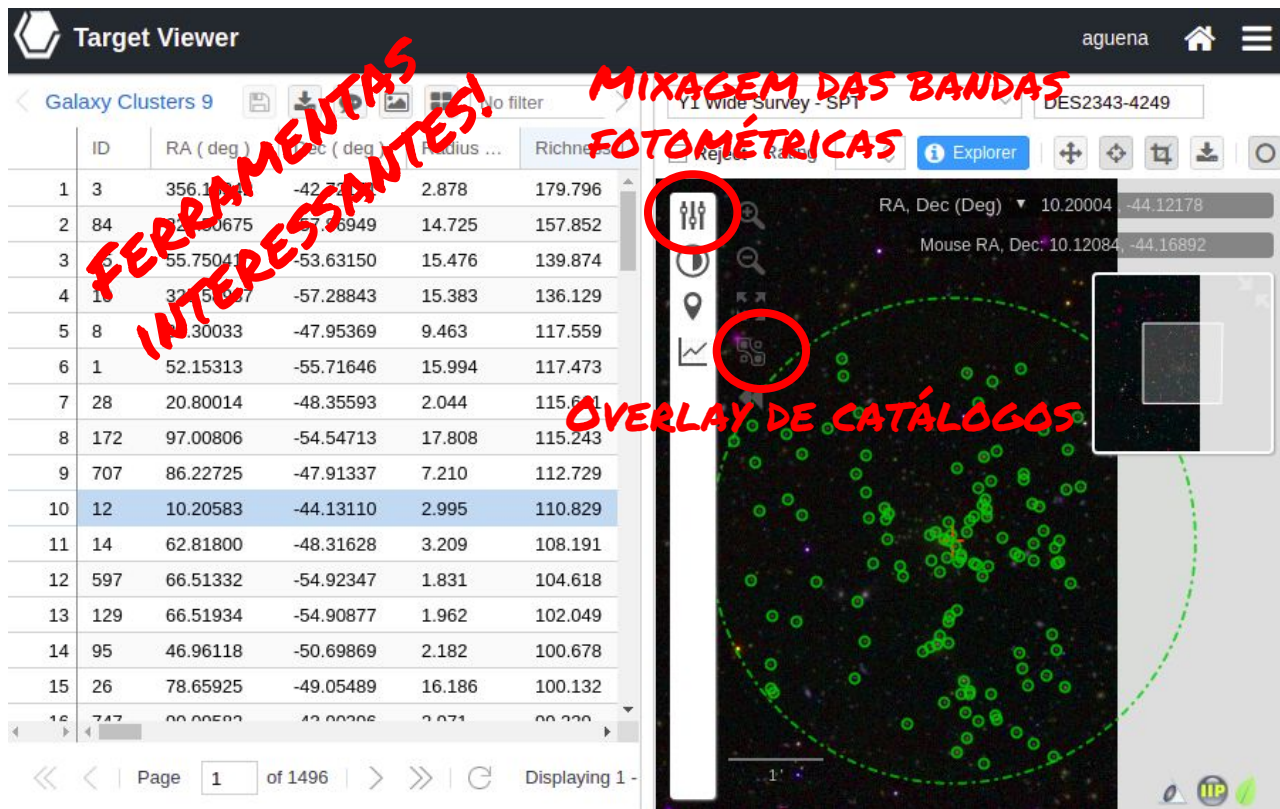
Name	Owner	Release	Date	Rows	Cols
Objects					
Galaxy Clusters					
Galaxy Clusters 20	des		2017-03-15 14:03:48	103	
Galaxy Clusters 12	des	Y1 Wide Survey	2017-04-11 16:04:22	18089	
Galaxy Clusters 3	des	Y1 Wide Survey	2017-04-24 10:04:09	140899	
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Y3A2_759_CLUSTERS	diehl	Y3A2	2017-11-09 22:11:39	759	
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RedMaPPer Y1A1 v6.4.17 Cosm	aguena		2019-02-06 17:02:10	83238	
SZ-SPT Bocquet 2018	aguena		2019-02-06 17:02:49	677	
Stellar Systems					

Process: 2871
Size: 63 MB



[PID 2871](#)

Visualização de Clusters



Mais aplicações

Target Viewer aguena

< Galaxy Clusters 9 [Icons] No filter >

	ID	RA (deg)	Dec (deg)	Radius ...	Richness ↓
1	3	356.18342	-42.72151	2.878	179.796
2	84	328.50675	-57.86949	14.725	157.852
3	45	55.75041	-53.63150	15.476	139.874
4	10	326.58987	-57.28843	15.383	136.129
5	8	86.30033	-47.95369	9.463	117.559
6	1	52.15313	-55.71646	15.994	117.473
7	28	20.80014	-48.35593	2.044	115.611
8	172	97.00806	-54.54713	17.808	115.243
9	707	86.22725	-47.91337	7.210	112.729
10	12	10.20583	-44.13110	2.995	110.829
11	14	62.81800	-48.31628	3.209	108.191
12	597	66.51332	-54.92347	1.831	104.618
13	129	66.51934	-54.90877	1.962	102.049
14	95	46.96118	-50.69869	2.182	100.678
15	26	78.65925	-49.05489	16.186	100.132
16	747	66.51332	-54.92347	1.831	104.618

Y1 Wide Survey - SPT DES2343-4249

☐ Reject ☐ Rating **Explorer** [Icons]

RA, Dec (Deg) 10.20004, -44.12178

Mouse RA, Dec: 10.12084, -44.16892

1' [Icons]

Page 1 of 1496 Displaying 1 -

Mais aplicações

Explorer aguena

Galaxy Clusters 9

Source:

Object ID:

RA, Dec (deg):

Radius (arcmin):

Process Id:

VAC:

Search

Property ↑	Value
area_local_bkg	34.3477
concentration_cen	1.5381
contrast_05mpc	
contrast_1mpc	
contrast_cyl	10.2065
contrast_iso	
cyl_id	183

Y1 Wide Survey - SPT

RA, Dec (Deg)
 356.1485 -42.71765

Mouse RA, Dec: 356.12239, -42.68523

FoV: 173.21°

System Members VAC Properties Distribution Spatial Distribution CMD

	ID	RA (deg)	Dec (deg)	Mag auto g	Mag auto r	Mag auto i
1	196049	356.186	-42.727	23.496	21.531	20.656
2	196121	356.144	-42.686	22.524	20.721	19.840
3	196056	356.182	-42.724	23.522	21.738	20.626
4	196101	356.164	-42.705	22.942	21.390	20.626
5	196070	356.196	-42.726	23.614	21.790	20.951
6	196125	356.183	-42.695	22.480	21.034	20.407
7	196128	356.179	-42.690	23.624	21.985	21.250

Mais aplicações

Explorer aguena

Galaxy Clusters 9

Source:

Object ID:

RA, Dec (deg):

Radius (arcmin):

Process ID:

VAC:

Property ↑	Value
area_local_bkg	34.3477
concentration_cen	1.5381
contrast_05mpc	
contrast_1mpc	
contrast_cyl	10.2065
contrast_iso	
cyl_id	183
cyl_nst	7

Y1 Wide Survey - SPT

RA, Dec (deg): 356.21485, -42.71765

Mouse RA, Dec: 356.10159, -42.65958

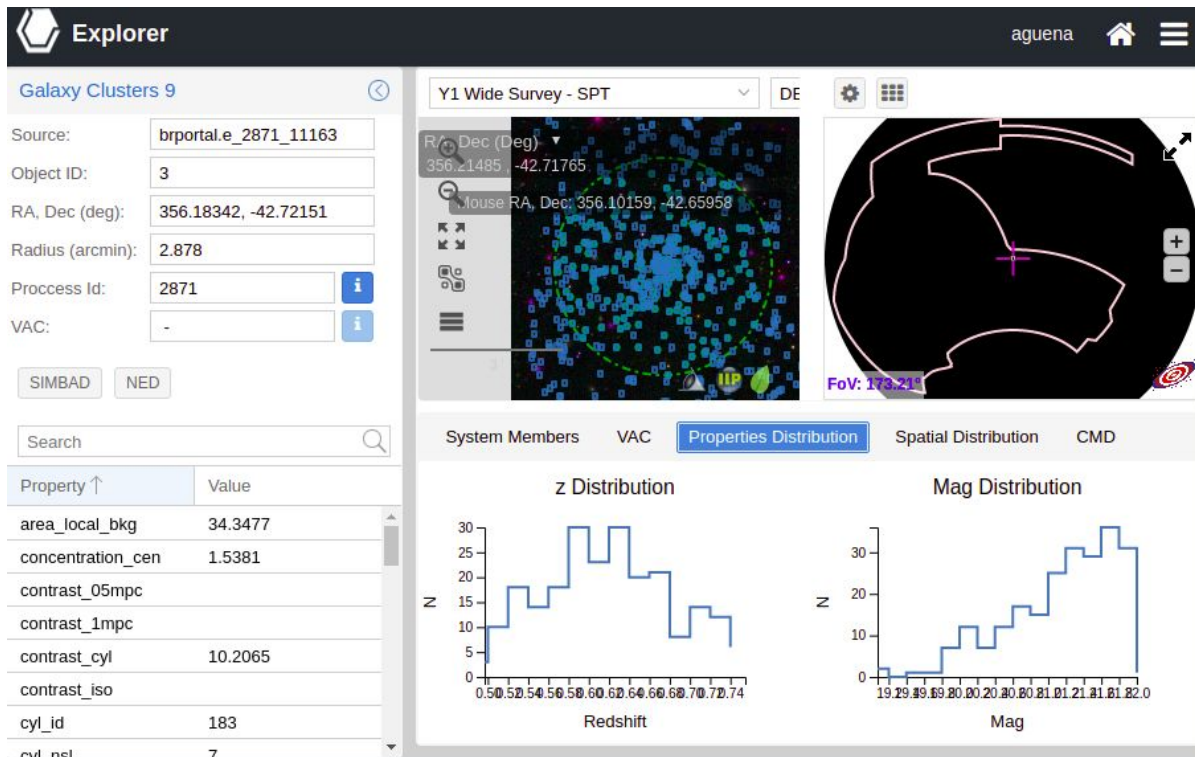
FoV: 173.215

System Members **VAC** Properties Distribution Spatial Distribution CMD

Cluster 29 WAZP Radius: z:

	ID	RA (deg)	Dec (deg)	err_z	mag_g	mag_i
1	3129056951	356.058	-42.824	0.331	25.101	22.636
2	3129057159	356.077	-42.818	0.341	22.731	21.752
3	3129057529	356.046	-42.809	0.393	23.220	22.428
4	3129057314	356.049	-42.814	0.198	23.350	21.770
5	3129057676	356.047	-42.805	0.184	23.123	21.699

Mais aplicações



Mais aplicações

