

Survey of Surveys: Past, Present & Future

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Abstract. To collect informations is often boring and time consuming task. For this reason, we thought that a collection of information about the known surveys may be useful especially for planning future work. We collected information available in literature on completed, work in progress and planed surveys. The list of surveys may not be complete but we are willing to update it (and distribute it) upon request¹.

1 Optical and Near-Infrared Ranges

We intend to give a visual impression of available, work-in-progress and planned imaging surveys, in the optical (Fig. 1) and near-infrared (Fig. 2). The plots are an updated version of those that are in the homepage of the NOAO Deep Survey. Surveys in red color are those for which HST observations are available, making them more effective. The values are collected from available information in the literature and are not homogeneous in terms of covered wavelength range, statistical significance and apertures. However, references and homepage for any displayed survey are also provided, where full information on wavelength coverage can be found, including Xray to radio (when available) and massive spectroscopic follow-up. The surveys are divided in completed, work in progress and planed.

1.1 Completed

ACS-UDF: <http://www.stsci.edu/hst/udf>,

(Bouwens, R. J., Illingworth, G. D., Thompson, R. I. et al.; 2004, astro-ph/0403167);

BTC40:

(Monier, E. M., Kenefick, J. D. et al., 2002, AJ, 124, 2971);

CADIS: <http://www.mpia-hd.mpg.de/GALAXIES/CADIS/welcome.html>,

(Meisenheimer, K., 1998, Astronomische Gesellschaft Meeting Abstracts, 14, 3);

CFDF: <http://virmos.bo.astro.it/hjmcc/cfdf/survey.html>,

(McCracken, H. J., Le Fèvre, O., Brodwin, M. et al.; 2001, A&A, 376, 756);

CNOC2: <http://www.astro.utoronto.ca/cnoc/>,

(Lin, H.; Yee, H. K. C.; Carlberg, R. et al.; 1997, AAS, 29, 1400);

Deeprange: <http://www-int.stsci.edu/postman/deeprange.html>,

(Postman, M.; Lauer, T. R.; Oegerle, W. et al.; 2002, ApJ, 579,93);

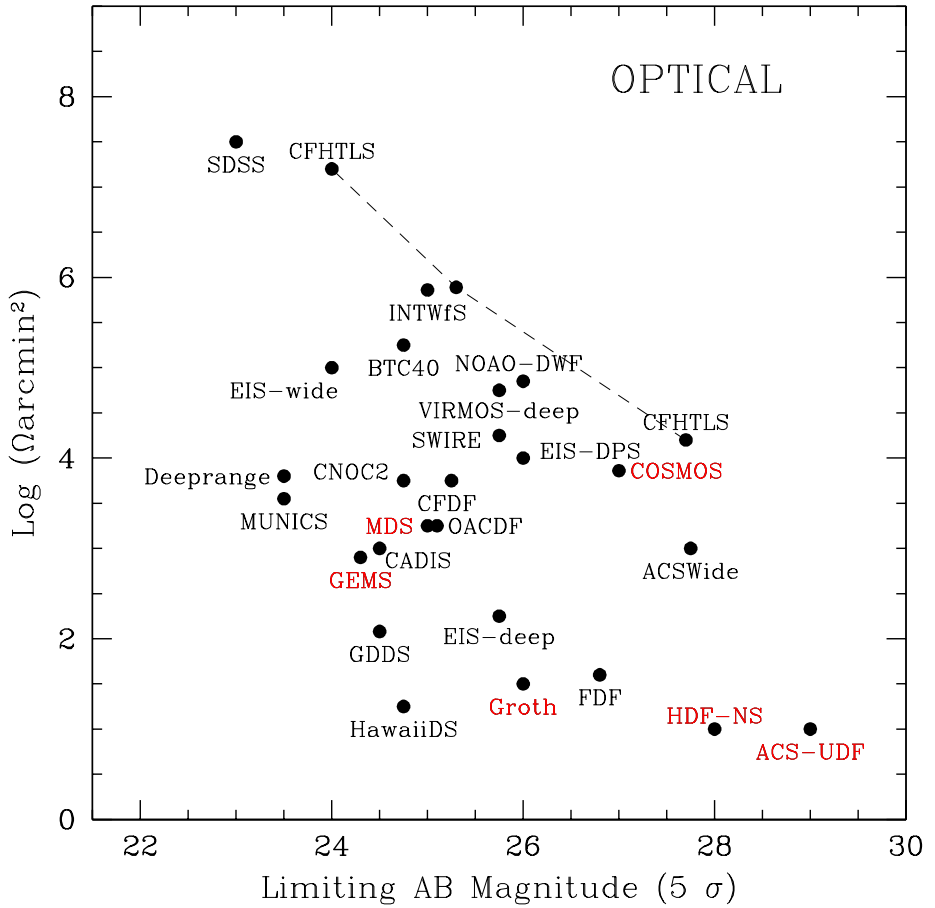


Fig. 1. Survey of Surveys in optical band

EIS-deep, EIS-wide: http://www.eso.org/science/eis/eis_home.html,
 (Nonino, M., Bertin, E., da Costa, L. et al.; 1999, A&A Supp., 137, 51);
FDF: <http://www.lsw.uni-heidelberg.de/users/swagner/fdf.html>,
 (Jäger, K.; Heidt, J.; Appenzeller, I. et al., 1999, Astronomische Gesellschaft, 15, 9);
GEMS: <http://www.mpia.de/GEMS/gems.htm>,
 (Rix, H-W., Barden, M., Beckwith S. V. W.; 2004, astro-ph/0401427);
GDDS: <http://www.gemini.edu/project/announcements/press/2004-1.html>
 (Abraham, R. G., Glazebrook, K., McCarthy, P. J. et al.; 2004, astro-ph/0402436);
Growth strip: <http://saci.icolick.org/verdi/maps/gss.html>,
 (Groth, E. J., Kristian, J. A., Roger, L. et al.; 1994, AAS, 26, 1403);
Hawaii Deep survey:
 (Cowie, L. L.; Gardner, J. P.; Hu, E. M. et al., 1994, ApJ, 434, 114);

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