

Sky Surveys in the radio

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Surveys of the radio sky have a long history, dating back to the very early days of radio astronomy. These early surveys provided crucial input to our understanding of both cosmology and the AGN/quasar population. As the field of radio astronomy has evolved so to have survey techniques, resulting in the current “Golden Age” of radio surveys. Wide-field surveys today cover frequency ranges from ~30 MHz to several GHz, some with resolutions comparable to optical/infrared surveys. Furthermore, many surveys are being carried out in multiple epochs, finding radio transients and variables that give us new insights into the both the radio and general high energy source populations.

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