

Title:

A novel Classification Extension-based Cloud Detection method for medium-resolution optical images

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Supplementary material:

Table S1. Details of the 14 Landsat-8 scenes selected from the Landsat 8 Cloud Cover Assessment Validation Dataset (<https://landsat.usgs.gov/landsat-8-cloud-coverassessment-validation-data>).

Main surface cover type	Scene id	Location range
Barren	LC81390292014135LGN00	(43.52~45.65N, 91.88~94.88E)
Forest	LC80160502014041LGN00	(1.85~3.94N, 46.26~48.30E)
Grass	LC80980712014024LGN00	(14.85~16.94S, 141.04~143.19E)
Shrubland	LC80350192014190LGN00	(57.59~59.76N, 97.3~101.54W)
Snow	LC82001192013335LGN00	(79.47~82.02S, 74.97~85.54W)
Urban	LC80150312014226LGN00	(40.70~42.81N, 74.56~77.41W)
Urban	LC80460282014171LGN00	(44.95~47.09N, 120.89~123.88W)
Urban	LC81180382014244LGN00	(30.69~32.79N, 120.69~123.15E)
Urban	LC81620432014072LGN00	(23.50~25.60N, 50.98~53.19E)
Water	LC80210072014236LGN00	(73.49~75.83N, 54.17~63.59W)
Water	LC81620582014104LGN00	(1.85~3.94N, 46.27~48.29E)
Wetlands	LC81080182014238LGN00	(58.95~61.19N, 146.57~150.77E)
Wetlands	LC81750732014035LGN00	(17.74~19.82S, 21.39~23.59E)
Barren	LC80530022014156LGN00	(78.70~81.20N, 78.54~92.13W)