

INDIMAP PROJECT

The Indimap Project (short for Independent Mapping Project) is a geologic mapping effort instituted by MIGE, to assist government organizations in mapping predetermined areas. It is a GIS based mapping effort. It was conceived in order to advance our understanding of the ground on which we tread. Indimap is more than a program to satisfy scientific curiosity. It is also very practical. Geologic maps are essential tools that are used by the mining industry, engineers, and developers to assist them with construction and locating resources such as minerals, oil, and water.

Indimap's present focus is the area known as the Sandwich Fault Zone in Northern Illinois. This is an important area. Although the Sandwich Fault Zone is not presently known to be active it can serve as a potential accelerated route for spreading manmade contaminations such as gasoline spills and pipeline breaks. People around the Fault Zone depend on groundwater to sustain themselves and for agriculture.

The Illinois State Geological Survey (ISGS) has avoided this area over in the past. Due mainly to Southern Illinois and Lake County taking priority, and because of the complexity of the area. MIGE has created Indimap to assist in the ISGS's mapping effort.

Since Indimap is a branch of MIGE, which is mostly privately funded we set the agenda. We can generate quality maps in less time since politics is not an issue.

Indimap Projects

MIGE maps completed or in progress with release date:

- 1) Kankakee River State Park (KRSP) 2008
- 2) Matthiessen State Park (MSP) 2009
- 3) Castle Rock State Park (CRSP) 2010

The three maps listed to the left are the pilot program for Indimap. KRSP is a Surficial Geologic Map. MSP is also a Surficial Geologic Map but contains cross sections showing the Peru Monocline. CRSP is a Surficial geologic map that sits right at the west end of the Sandwich Fault Zone.

MIGE quadrangle maps planned with target dates:

- 1) Romeoville 2010
- 2) Wedron 2010
- 3) Channahon 2010
- 4) Elwood 2010
- 5) Elizabeth 2011
- 6) Stockton 2011
- 7) Plainfield 2011
- 8) Joliet 2011
- 9) Daysville 2012
- 10) Rochelle 2012
- 11) Steward 2012
- 12) Ashton 2013
- 13) Platteville 2013
- 14) Lee 2013
- 15) Somonauk 2014
- 16) Newark 2014
- 17) Chana 2014

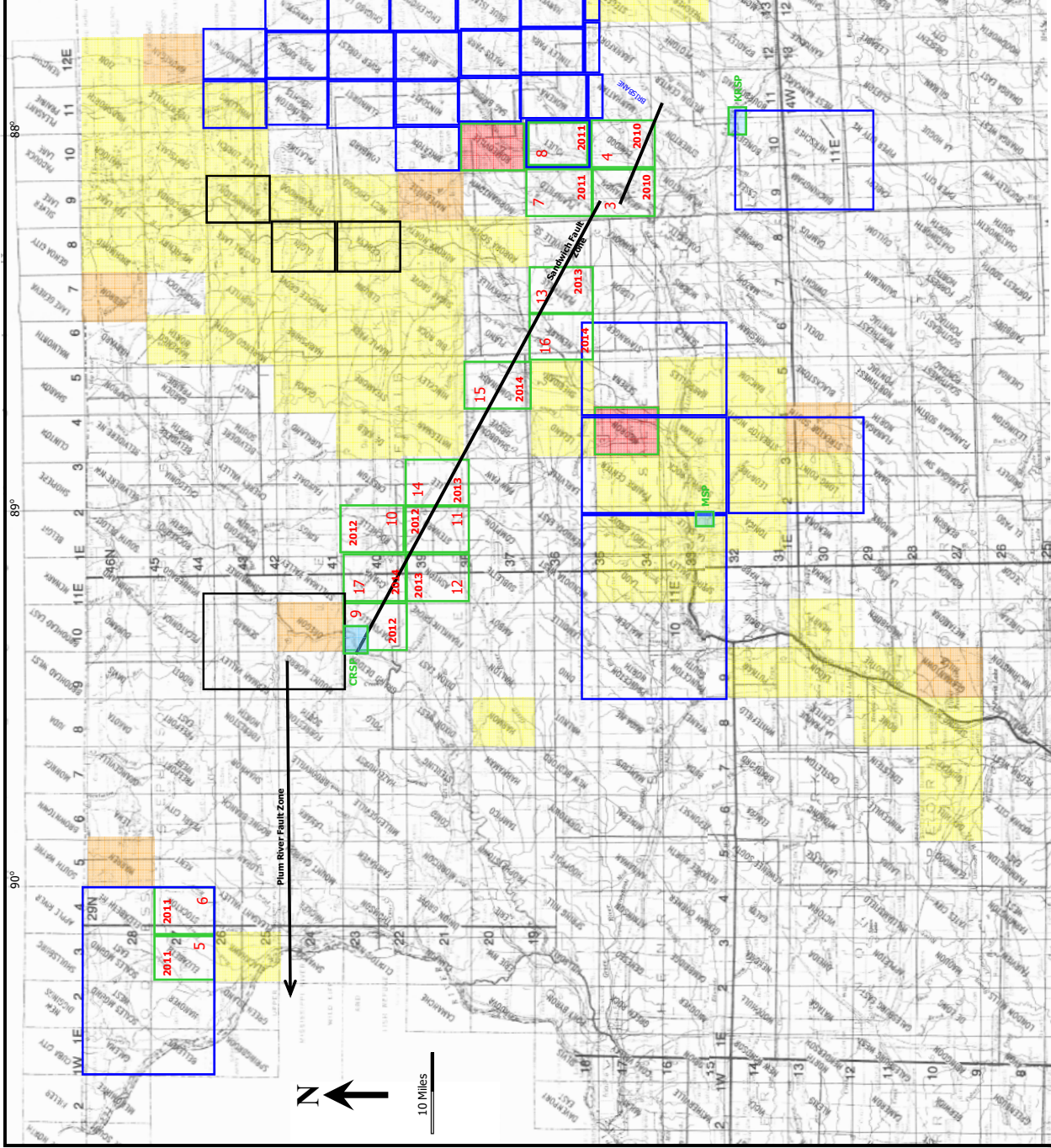
The 17 quadrangle maps listed to the left are at the 7.5 minute scale, and are part of the Indimap Project.

Map components are as follows:

- 1) The surficial geology map.
- 2) The Bedrock topography.
- 3) Most will also have a third bedrock geology map or cross sections.

SEE MAP FOR INDIMAP AND ISGS QUADRANGLE MAP LOCATIONS

7.5 Minute Quadrangle Series



MIGE maps completed with release date:

- 1) Adams on River State Park (2010)
- 2) Matthews State Park (2010)
- 3) Camp Rock State Park (2010)

MIGE maps planned with target date:

- 4) Reynolds (2010)
- 5) Warden (2010)
- 6) Channahon (2010)
- 7) Elmhurst (2011)
- 8) Stoughton (2011)
- 9) Joliet (2011)
- 10) Danvers (2012)
- 11) Shawnee (2012)
- 12) Peotone (2013)
- 13) Lez (2013)
- 14) Newark (2014)
- 15) Chana (2014)

All the above 17 "planned maps" are 7.5 minute quadrangle maps and depict topography, most and best geology. Most are in the draft geologic map.



7.5 Minute Quadrangle Series

GEOLOGIC QUADRANGLE MAPS (NORTHERN ILLINOIS)

Status Map-as of 10-1-2009

LEGEND

- Completed or near completion (ISGS)
- In progress (ISGS)
- MIGE interest with priority number with target year
- MIGE in process
- MIGE Completed

Mapped prior to 1955 (ISGS)

Mapped but not published prior to 1955 (ISGS)

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ISGS - Illinois State Geological Survey.
MIGC - Midwest Institute of Geoscience and Engineering