

www.nrccwdt.org



National Resource Center for Child Welfare Data and Technology
A SERVICE OF THE CHILDREN'S BUREAU/HHS • A MEMBER OF THE T/TA NETWORK

How Geographic Information System (GIS) can be Utilized to Improve the Practices of Child Welfare Operations, Practices, and Analytical Research

George Gabel, Terry Skaggs,
Richard Foltz, & Fred North

www.nrccwdt.org



National Resource Center for Child Welfare Data and Technology
A SERVICE OF THE CHILDREN'S BUREAU/HHS • A MEMBER OF THE T/TA NETWORK

GIS & Child Welfare Panelist

- George Gabel
 - National Resource Center For Child Welfare Data and Technology
- Terry Skaggs
 - Louisiana Department of Children and Family Services
- Richard Foltz
 - Illinois' Department of Children and Family Services
- Fred North
 - Connecticut Department of Children and Families

Agenda

- Introduction and Overview
- State Overview of GIS
- Discussion
- Questions and Answers

Child Welfare is About Geography

- Relevant location of community resources
- Efficient location of CPS services
- Efficient planning of case worker travel
- Marketing for resource parents
- Proximity of foster parents to home of removal
- Proximity of siblings placed in separate homes

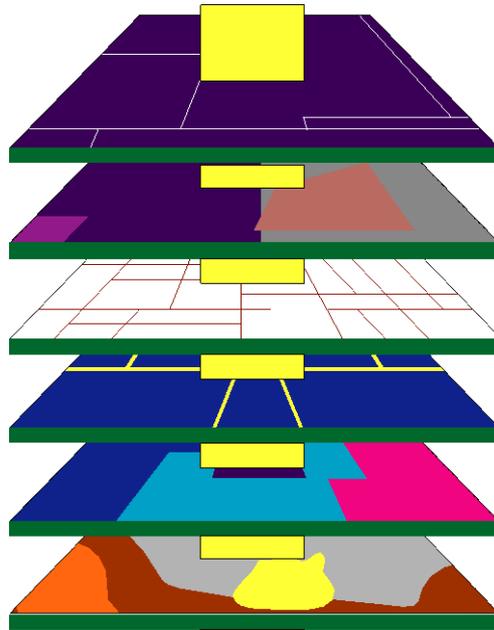
What is GIS?

A geographic information system (GIS) integrates hardware, software, and data for capturing, managing, analyzing, and displaying all forms of geographically referenced information.



What is GIS?

Operational
Layers



Sidewalks

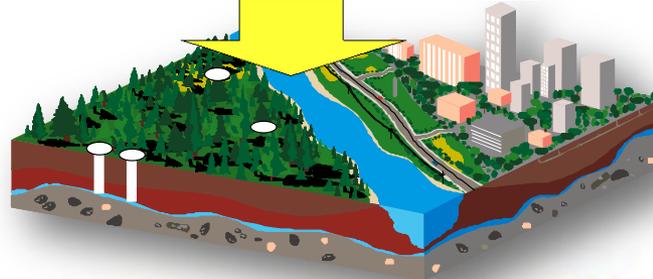
Buildings

Utilities

Environmental

Cartographic
Base Map

Base Map
Imagery



www.nrccwdt.org

National Resource Center for Child Welfare Data and Technology

A SERVICE OF THE CHILDREN'S BUREAU/HHS • A MEMBER OF THE T/TA NETWORK

Popular GIS Layers

| | Child Services | Schools and Universities | Foster Home Locations | Police Districts | Census Layers | Transportation |
|-------------|----------------|--------------------------|-----------------------|------------------|---------------|----------------|
| Louisiana | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Illinois | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Connecticut | | ✓ | ✓ | | ✓ | |

State Matrix for GIS Use

| | Established GIS | Recruiting Foster Parents | Emergency Planning | Foster Child Placement |
|-------------|-----------------------------------------------|---------------------------|--------------------|------------------------|
| Louisiana | 2001 (2007 - Widely used by Child Welfare) | ✓ | ✓ | ✓ |
| Illinois | 1997 | ✓ | ✓ | ✓ |
| Connecticut | 2008 | ✓ 2010 | ✓ 2009 | |

Discussion

- Maintaining the Connection
 - Connecting Families
 - Connecting Education
- Resources Management
 - Interaction with other agencies
- Starting-Up
- What's it's worth for my state: Effort and rewards of using GIS

NRC GIS Resources

- **NRC-CWDT** - National Resource Center for Child Welfare Data and Technology
<https://www.nrccwdt.org/index.html>
 - Webinars
 - Technical Assistance
 - Peer-to-peer GIS Group

NRC GIS Resources

- **Groupsite** for National Resource Center for Child Welfare Data and Technology
 - <http://nrccwdt.groupsite.com/main/summary>
 - A meeting place that provides:
 - individuals with a *shared calendar*,
 - *discussion forums*,
 - *member profiles*,
 - *photo gallery*,
 - *file storage*,
 - and more.

GIS Resources

- **NYTD** Community of Practice (CoP)
 - <http://nytdcommunity.acf.hhs.gov/>
- **NAPSIG** - The National Alliance for Public Safety GIS Foundation
 - <http://www.napsgfoundation.org/>
- **NACJD** - National Archive of Criminal Justice Data (Regional Crime Analysis Geographic Information System(RCAGIS))
 - <http://www.icpsr.umich.edu/files/NACJD/RCAGIS>

GIS Resources

- **Census**
 - <http://2010.census.gov/2010census/data/>
- **NSGIC** - National States Geographic Information Council
 - <http://www.nsgic.org/membership/benefits.cfm>
- **SMART** - The Socioeconomic Mapping and Resource Topography
 - <http://smart.gismapping.info/smart/About.aspx>

Questions ???

www.nrccwdt.org 

National Resource Center for Child Welfare Data and Technology
A SERVICE OF THE CHILDREN'S BUREAU/HHS • A MEMBER OF THE T/TA NETWORK

Contact Information

- George Gabel - GeorgeGabel@westat.com
- Terry Skaggs - Terry.Skaggs@LA.GOV
- Richard Foltz - Richard.Foltz@Illinois.gov
- Fred North - Fred.North@ct.gov
- Kathryn Kulbicki – KathrynKulbicki@westat.com