

Landsat Advisory Group Update

NGAC Meeting

June 24, 2014

Co-Chairs

Kass Green and Roger Mitchell

LAG Membership 2014

Name	Organization
Kass Green (LAG Co-Chair)	Kass Green & Associates
Roger Mitchell (LAG Co-Chair, NGAC Member)	MDA Information Systems LLC
Peter Becker	ESRI
John Copple	Sanborn Map Co.
Joanne Gabrynowicz (NGAC Member)	University of Mississippi
Jack Hild (NGAC Member)	DigitalGlobe, Inc
Rebecca Moore	Google, Inc.
Michele Motsko (NGAC Member)	NGA
Tony Spicci (NGAC Member)	State of Missouri
Cory Springer	Ball Aerospace & Technologies Corp.
Julie Sweetkind-Singer	Stanford University
Tony Willardson	Western States Water Council
Darrel Williams	Global Science & Technology, Inc.

2014 NGAC Guidance

Landsat Advisory Group

The NGAC Landsat Advisory Group (LAG) will provide advice to the Federal Government, through the NGAC, on the requirements, objectives and actions of the Landsat Program as they apply to ongoing delivery of societal benefits for the Nation and the global Earth observation community. The LAG is requested to provide advice and recommendations on Landsat-related issues for consideration by the NGAC, including the following:

- Review and update the 2012 LAG paper, “The Value Proposition for Ten Landsat Applications.” The 2012 paper documented an estimated \$178M to \$235M in annual cost savings experienced by federal and state government agencies within ten categories of Landsat data use. Since the 2012 cost savings estimates were compiled by the LAG, the USGS has gathered additional information through a Landsat user survey, a preliminary collection of Landsat-user case studies, and a pilot project on remote sensing user requirements. The USGS will share this information with the LAG to assist in updating the examples used in the 2012 paper, refining the list of user applications within and beyond government agencies, and enhancing the Landsat value summary.

***FGDC Guidance to NGAC, March 2014**

Subtask Assignments

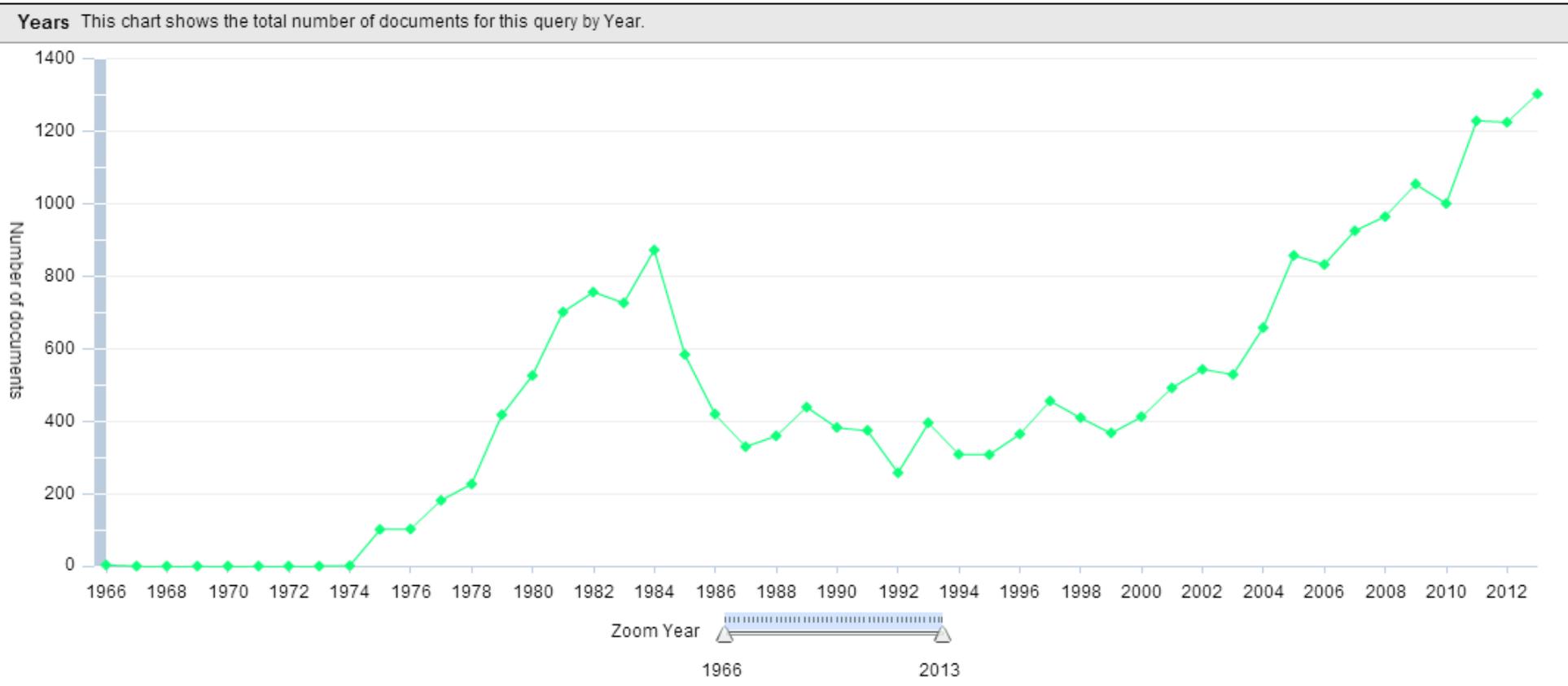
1	Executive Summary	
2	Summary	Darrel Williams ¹ Kass Green, Roger Mitchell
3	Federal sector	Michele Motsko
4	State sector	Tony Spicci, Tony Willardson
5	Private sector	John Cople, Cory Springer, Pete Becker(tentative)
6	NGO sector	Joanne Gabrynowicz, Jack Hild
7	Academic sector	Julie Sweetkind-Singer, Rebecca Moore, Dave Cowen
8	Evolving landscape for Landsat applications	Jack Hild, Peter Becker, Rebecca Moore

Status

- On track to have draft applications documented by Sept NGAC.
- New major apps
 - Fireline Wildfire Risk Assessment – ISO
 - Monitor Wine Regions – Gallo Wines
 - Global Forest Watch – UMD
 - Global Land Cover for USG – MDA
 - Oil & Gas applications
 - NGO applications
- Rebecca Moore is surveying entire Google Earth Engine
 - 2,000+ testers
 - Still receiving responses.
- Source research by Julie Sweetkind-Singer with Scopus catalogue

Number of scientific documents by year for term “Landsat” (1966-2013)

22,384 documents using title/abstract/keyword

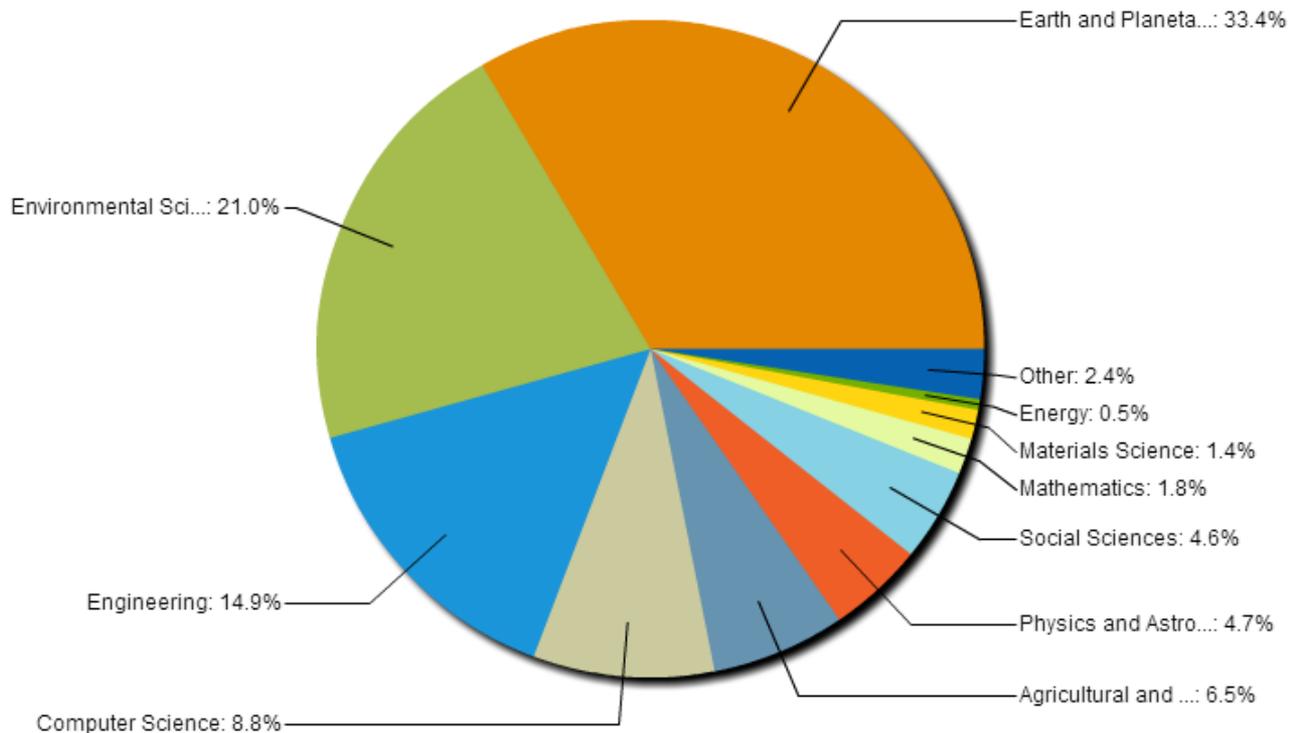


Source: Scopus database, accessed June 20, 2014.

Number of scientific documents by subject area for term “Landsat” (1966-2013)

22,384 documents using title/abstract/keyword

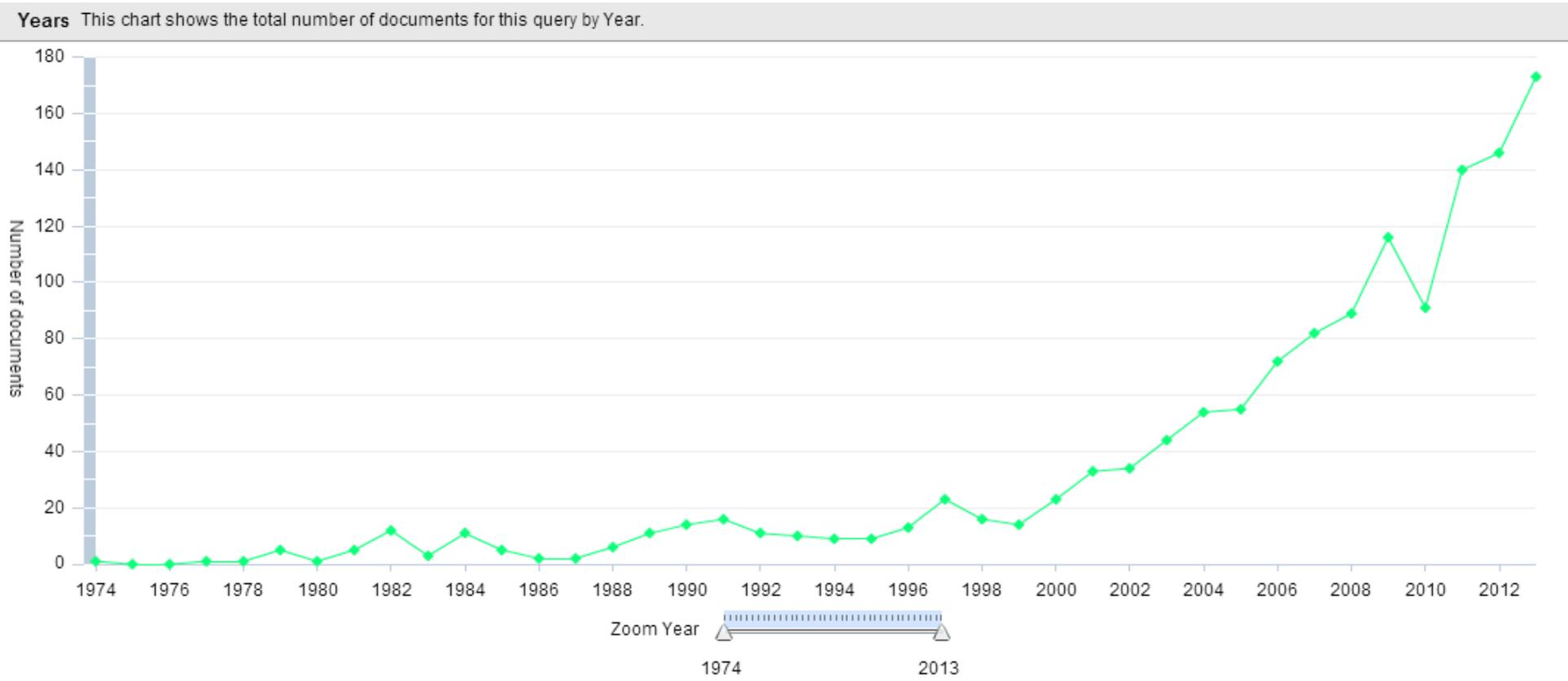
Subject Areas This chart shows the total number of documents for this query by Subject Area.



Source: Scopus database, accessed June 20, 2014.

Number of scientific documents by year for term “Landsat” and “climate” (1966-2013)

1,353 documents using title/abstract/keyword



Source: Scopus database, accessed June 20, 2014.