Open Parks Network

An Open Knowledge Platform for Parks and Protected Areas

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Mission

Solutions for Parks

The Open Parks Network (OPN) serves the global parks community by providing information, tools, and solutions to support the stewardship of the natural and cultural assets of protected areas.

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Funding and Partnerships

INSTITUTE of Museum and Library SERVICES

CLEMSON UNIVERSITY 1889

NATIONAL PARK SERVICE

GTI Global Tiger Initiative

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Why is it Needed?

- Parks are highly dispersed geographically, often in very remote locations.
- They operate through highly diverse jurisdictions, at all levels of government.
- Parks have functioned historically as isolated management units.
- But, the need to collaborate, across parks and park systems, has never been more acute!

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Why is it Needed? (continued..)

- Science relevant to parks and conservation advances faster than park managers can process and integrate it into management practice.
- Science based information is not disseminated efficiently.
- There is a need to work at large-scales (continental and global) in response to challenges like extinction crisis, habitat loss, and climate change, which requires linking many disparate park units at diverse jurisdictional levels.

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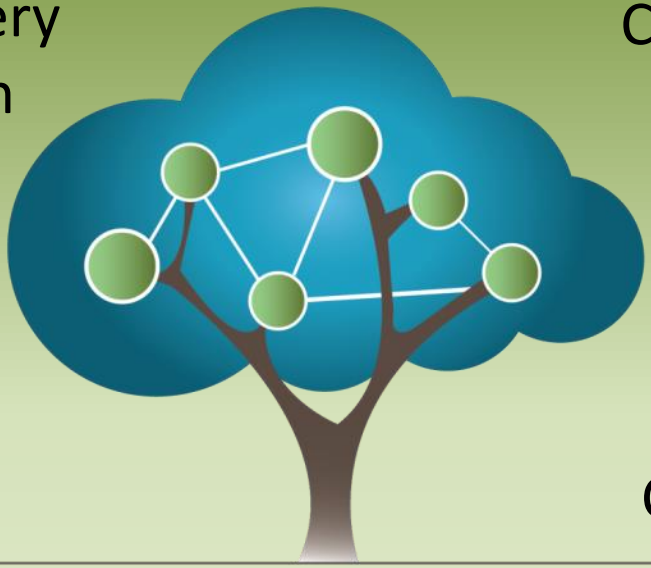
What is the Open Parks Network?

Information Discovery and Dissemination

Communication and Collaboration



Conservation Planning Tools

Training and Capacity Building

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What is the Open Parks Network?

Open Knowledge and Learning Forum

Mapping, Analytics, Visualization,
And Innovation Tools

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Let's take a tour?

www.openparksnetwork.org

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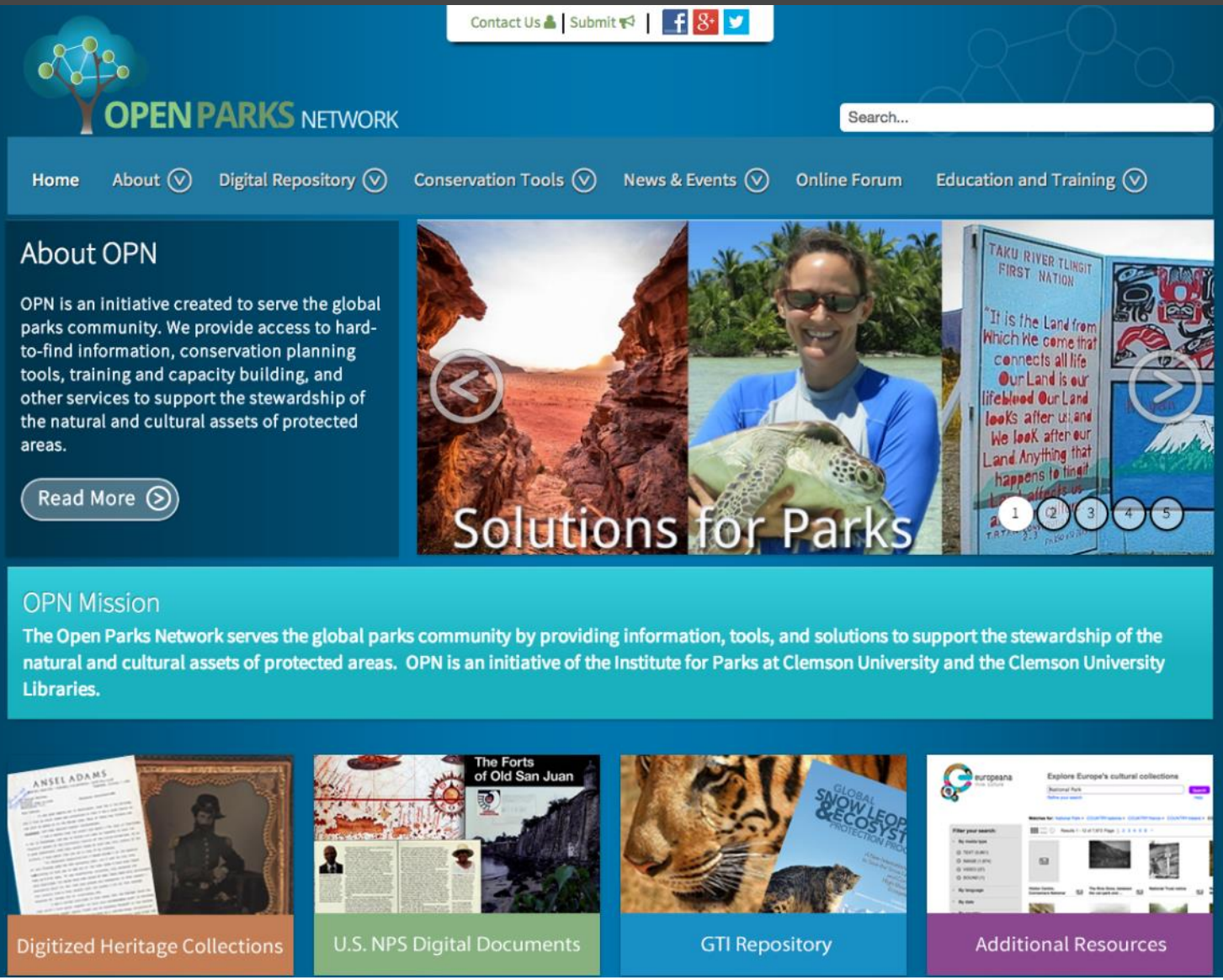
Information Discovery and Dissemination



OPN Online Mapping Tools

- Objective: Build a set of web-based GIS tools to support the conservation community with mapping and analytical services.
- Give OPN members access to a GIS web-based portal for data sharing, visualization and collaboration.
- Uses the latest ESRI ArcGIS Server technology (10.1)
- It consolidates information needed by park managers and researchers in one place.
- Working to identify relevant global GIS data sources and make them available to OPN GIS community.
- OPN partners will work with our GIS staff to create mission critical web-mapping solutions to support dissemination, analyses and data integration.

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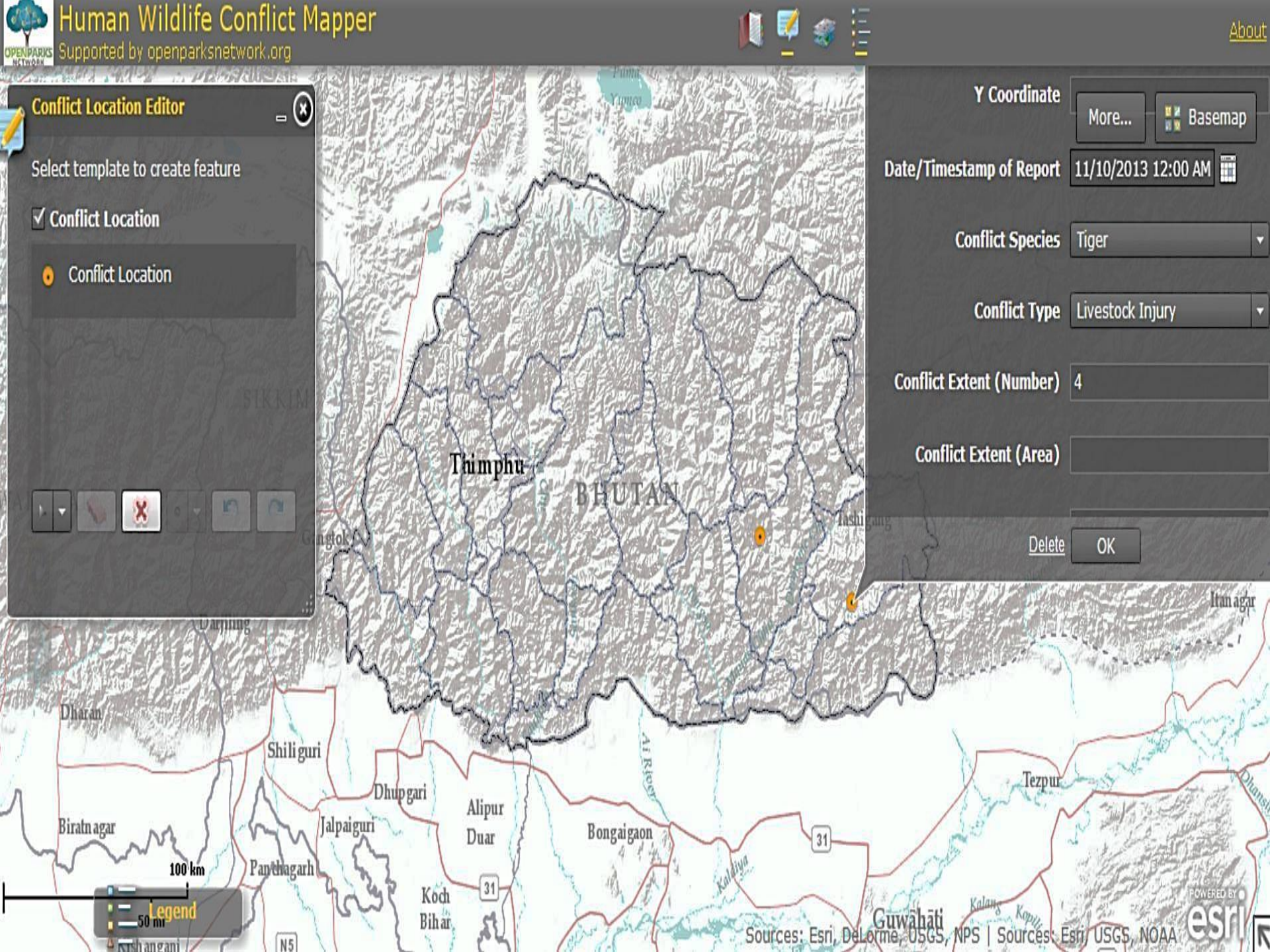
Online Mapping and Analyses

HOME GALLERY MAP GROUPS SIGN IN

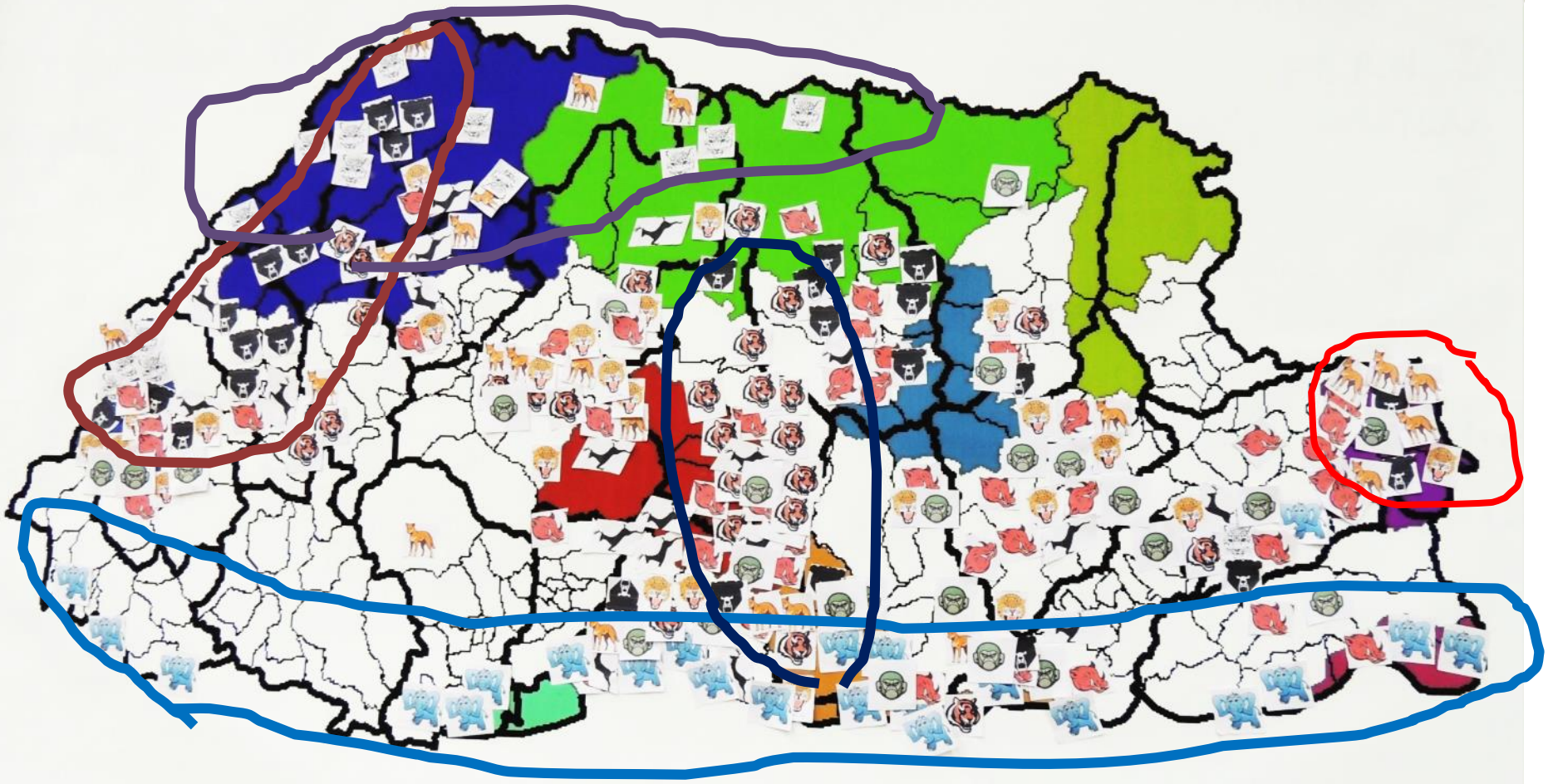
Featured: Global Tiger Initiative

Human Footprint Index | Human Influence Index | Last of the Wild | OPN - World Database On Protected Areas

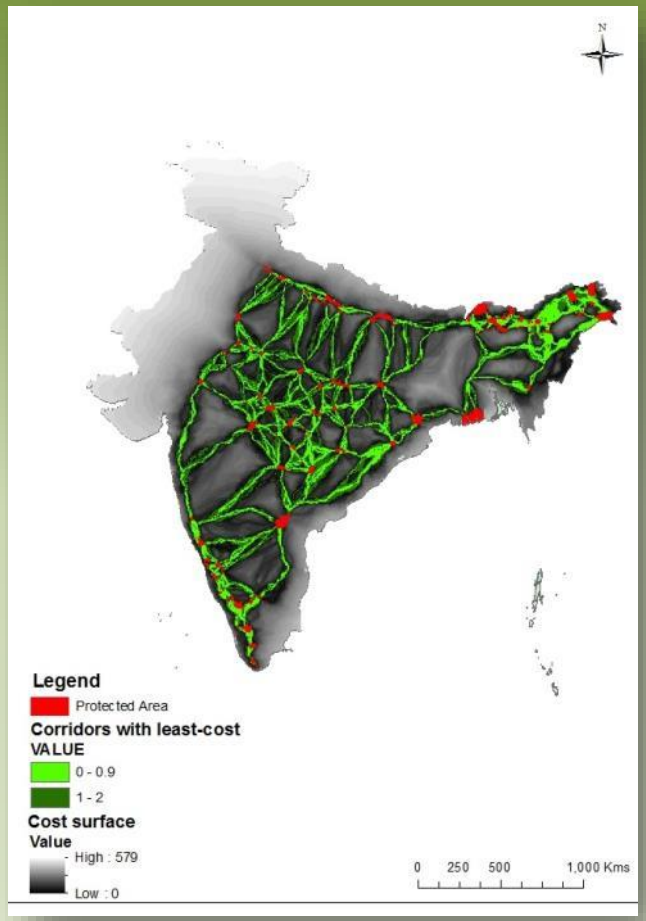

Human Wildlife Conflict Mapper
Supported by openparksnetwork.org
About
Conflict Location Editor
Select template to create feature
Conflict Location
Conflict Location
Y Coordinate
More...
Basemap
Date/Timestamp of Report
11/10/2013 12:00 AM
Conflict Species
Tiger
Conflict Type
Livestock Injury
Conflict Extent (Number)
4
Conflict Extent (Area)
Delete
OK
Thimphu
BHUTAN
SIKKIM
Gangtok
Tashigang
Itanagar
Darjiling
Dharan
Shiliguri
Dhupgari
Alipur Duar
Jalpaiguri
Biratnagar
Bongaigaon
Tezpur
Pathagarh
Koch Bihar
Guwāhāti
31
N5
100 km
50 mi
Legend
Sources: Esri, DeLorme, USGS, NPS | Sources: Esri, USGS, NOAA
esri

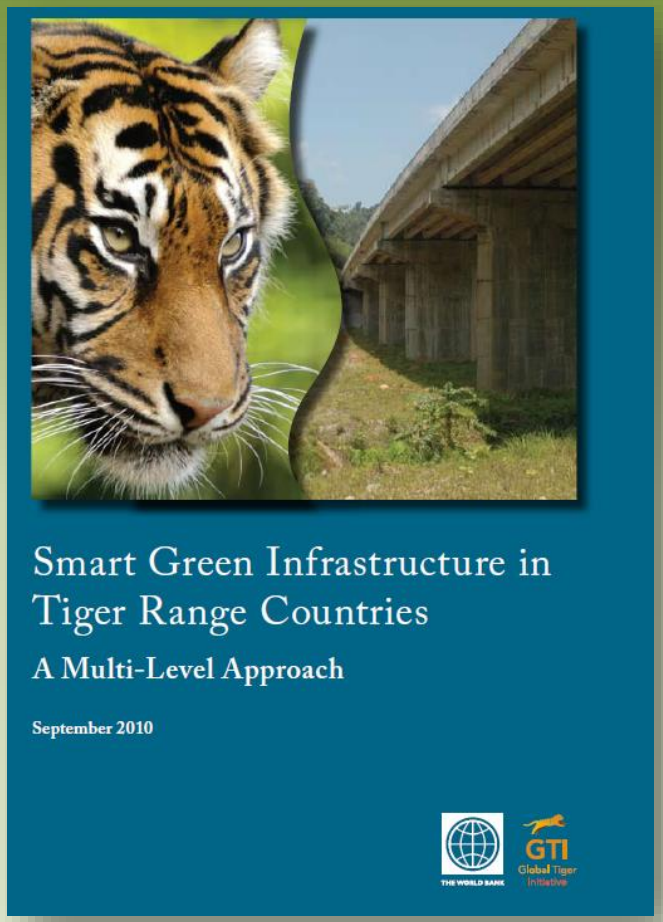
Human-Wildlife Conflict Mapping

Human-Wildlife Conflict Mapping



Landscape Planning & Connectivity Analyses





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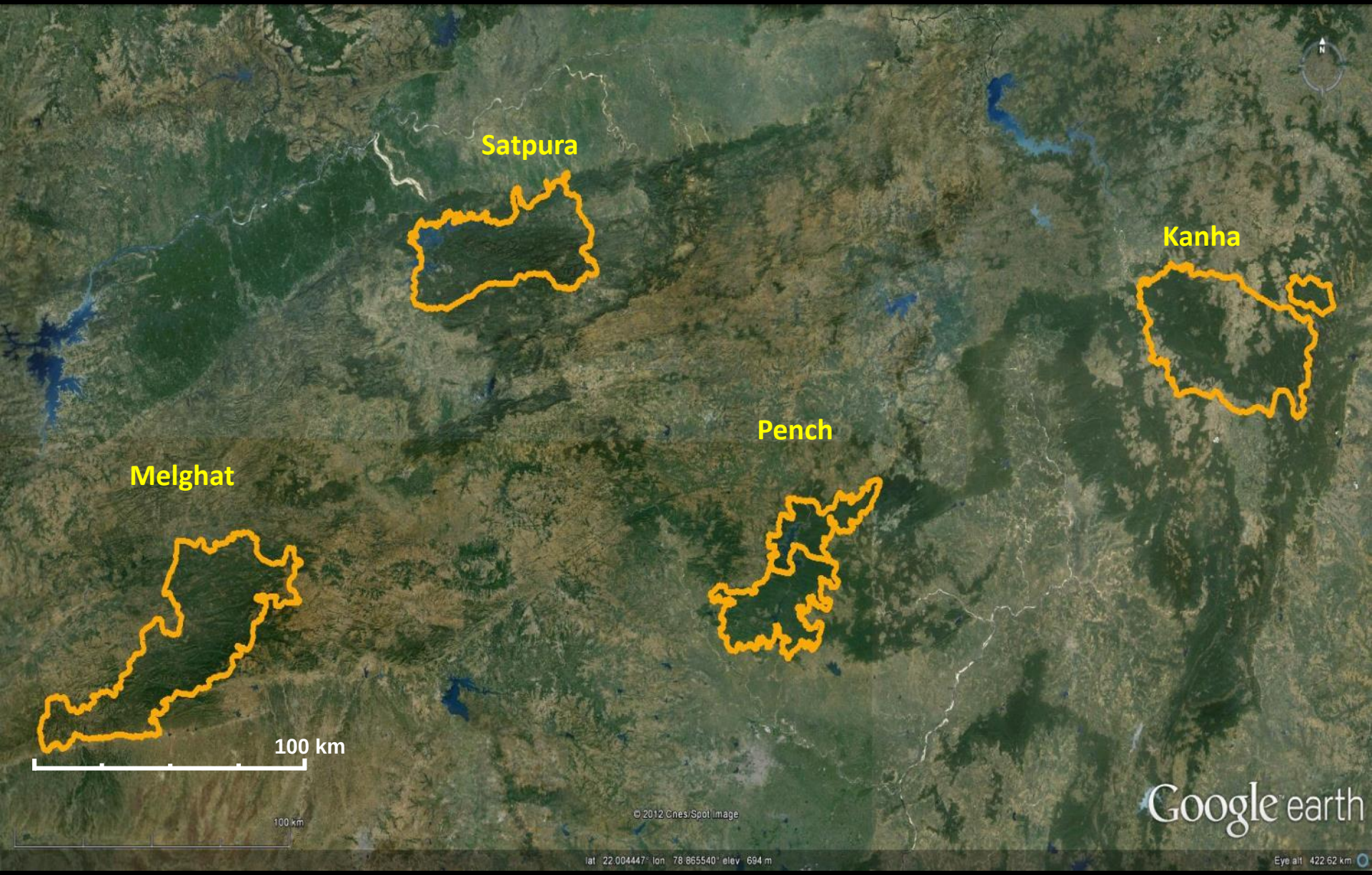
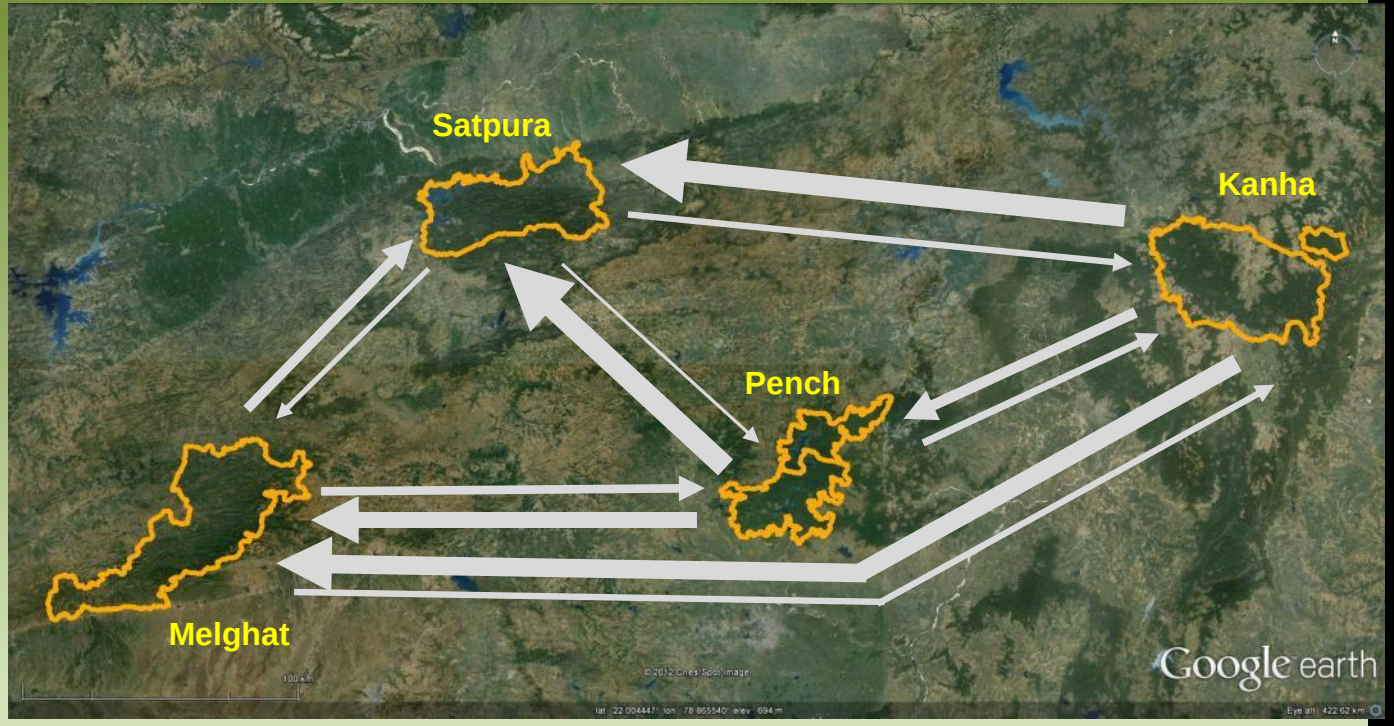
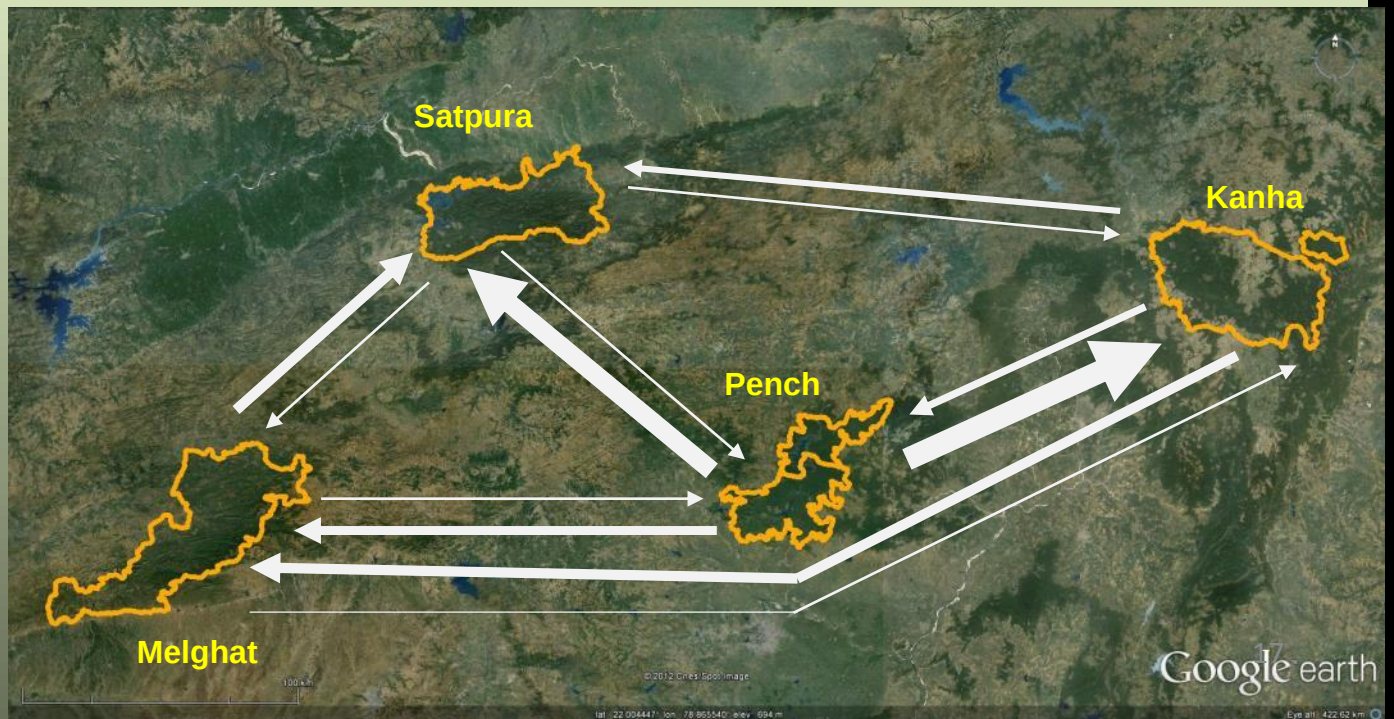

Satpura
Kanha
Pench
Melghat
100 km
100 km
© 2012 Cnes/Spot Image
Google earth
lat 22.004447° lon 78.865540° elev 694 m
Eye alt 422.62 km

Historical Gene flow



Contemporary Gene flow



Sharma et al (2013) Proc B: Royal Soc.

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http://www.kumtor.kg

Social Media Listening Center

A center for conducting topic and policy analysis drawing from social media and traditional data sources.

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Social Media Listening Center

- Assemble datasets from 200 million+ social feeds that generate billions of datapoints a day.
- Analysis of keywords, themes, and influencers.
- Reach back into Facebook, Twitter accounts, Blogs, etc. and ask why?
- Export data for detailed analysis in qualitative tools

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Radian6 Dashboard

https://login.radian6.com

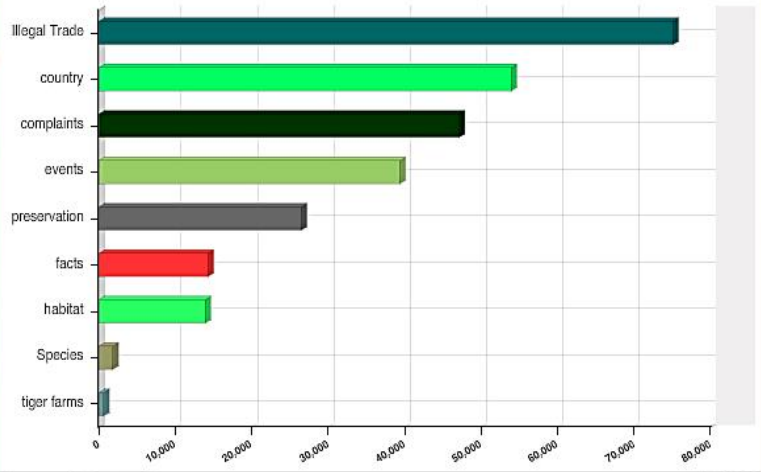
radian6 Dashboard Configuration Insights Manager Help 1 2 3

Welcome, David White Logout

Dashboard 1

OPN - Topic Analysis - (Total # of Posts: 272597)

Segment by: No Segmentation | Count by: Number of Posts



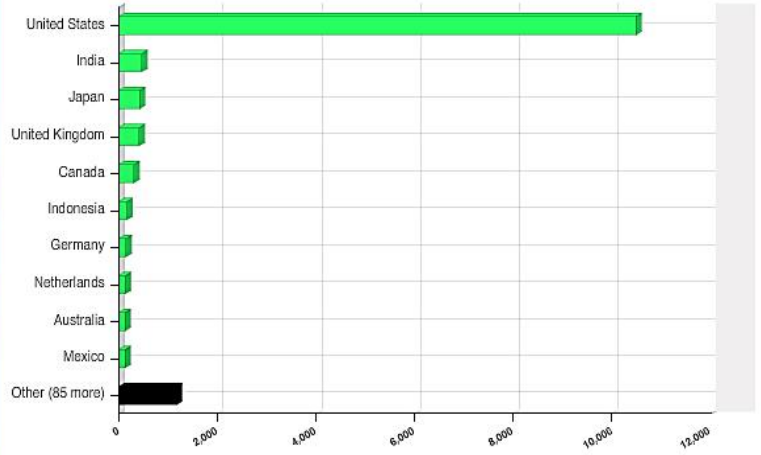
Bar | Pie

Search results for "tiger farms"

View by

View by Region for habitat - (Total # of Posts: 13900)

Segment by: No Segmentation | Count by: Number of Posts



Bar | Pie

Search results for "India" - (Total # of posts: 456)

Sort by: Publish Date | Edit

@tnroars Tiger Nation

Western Ghats are critical **tiger habitat** - so this should be good news **for tigers** across this whole range of... fb.me/YyHjTYry

Oct 17 10:35am Favorite Retweet Reply Delete

Following 204
Followers 540
Updates 650
Sentiment

Media Viewer Source: @tnroars (twitter.com)

@Unitedfortigers Global Tiger Forum

#Tiger #NEWS - (**#India**) State govt to allow stone quarrying within 100 meters of **forest** areas across the State ow.ly/pTB2k

Oct 17 12:44am Favorite Retweet Reply Delete

Following 1998
Followers 1533
Updates 4570
Sentiment

Media Viewer Source: @Unitedfortigers (twitter.com)

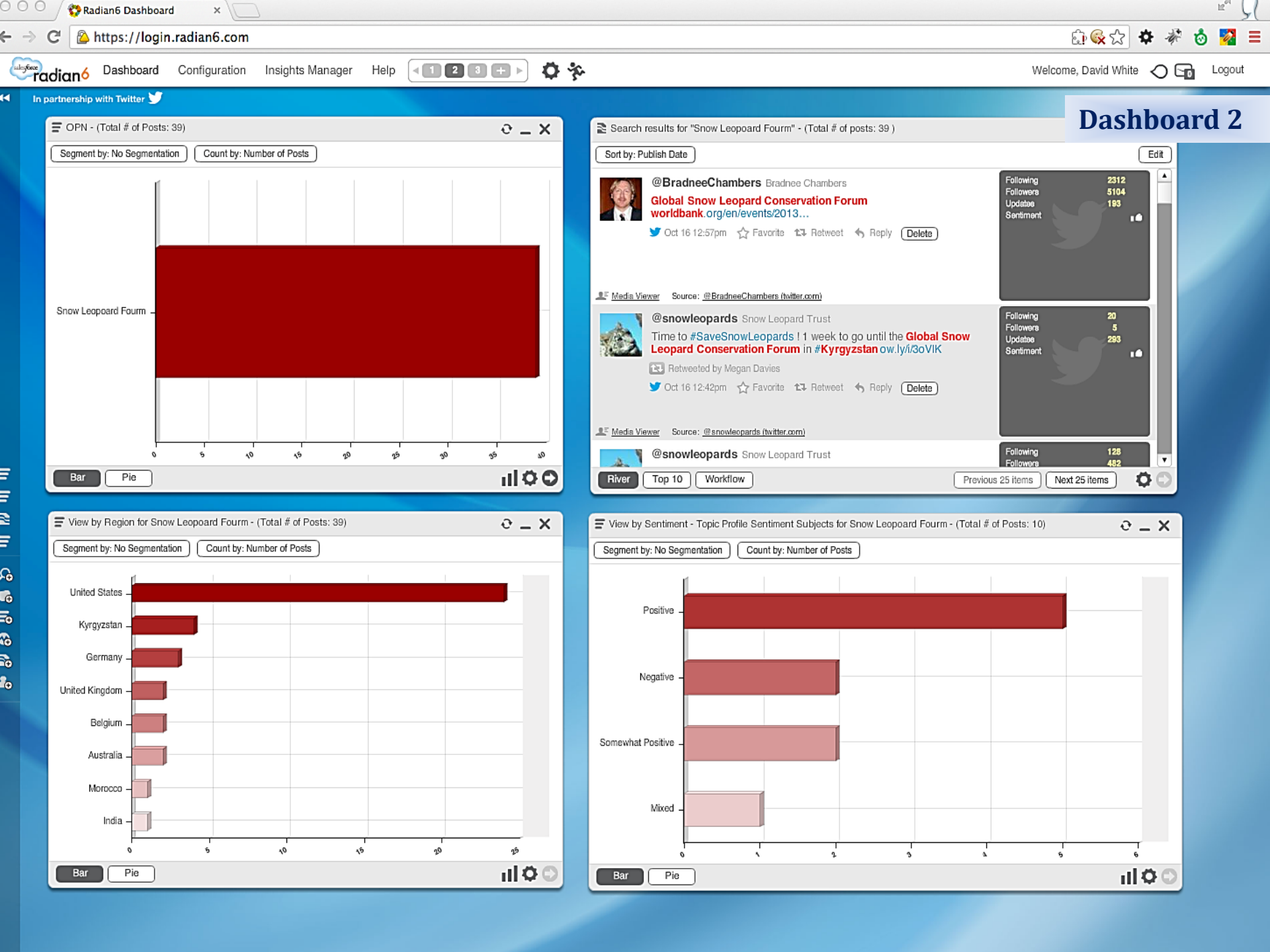
NEWS

Ranthambhore tiger numbering completes, goes up to 70

strayed off to adjoining **parts** of the reserve and have carved their own **territory**. These **tigers** were first traced, photographed and then

Comment Count 0
Unique Commenters 0
Engagement 0
Likes and Votes 0

River | Top 10 | Workflow | Previous 25 items | Next 25 items


Radian6 Dashboard
https://login.radian6.com
radian6
Dashboard
Configuration
Insights Manager
Help
Welcome, David White
Logout
In partnership with Twitter
Dashboard 2
OPN - (Total # of Posts: 39)
Segment by: No Segmentation
Count by: Number of Posts
Snow Leopard Fourm
0
5
10
15
20
25
30
35
40
Bar
Pie
Search results for "Snow Leopard Fourm" - (Total # of posts: 39)
Sort by: Publish Date
Edit
@BradneeChambers Bradnee Chambers
Global Snow Leopard Conservation Forum
worldbank.org/en/events/2013...
Oct 16 12:57pm
Favorite
Retweet
Reply
Delete
Following 2312
Followers 5104
Updates 193
Sentiment
Media Viewer
Source: @BradneeChambers (twitter.com)
@snowleopards Snow Leopard Trust
Time to #SaveSnowLeopards ! 1 week to go until the Global Snow Leopard Conservation Forum in #Kyrgyzstan ow.ly/i/3oVIK
Retweeted by Megan Davies
Oct 16 12:42pm
Favorite
Retweet
Reply
Delete
Following 20
Followers 5
Updates 293
Sentiment
Media Viewer
Source: @snowleopards (twitter.com)
@snowleopards Snow Leopard Trust
Following 128
Followers 482
River
Top 10
Workflow
Previous 25 items
Next 25 items
View by Region for Snow Leopard Fourm - (Total # of Posts: 39)
Segment by: No Segmentation
Count by: Number of Posts
United States
Kyrgyzstan
Germany
United Kingdom
Belgium
Australia
Morocco
India
0
5
10
15
20
25
Bar
Pie
View by Sentiment - Topic Profile Sentiment Subjects for Snow Leopard Fourm - (Total # of Posts: 10)
Segment by: No Segmentation
Count by: Number of Posts
Positive
Negative
Somewhat Positive
Mixed
0
1
2
3
4
5
6
Bar
Pie

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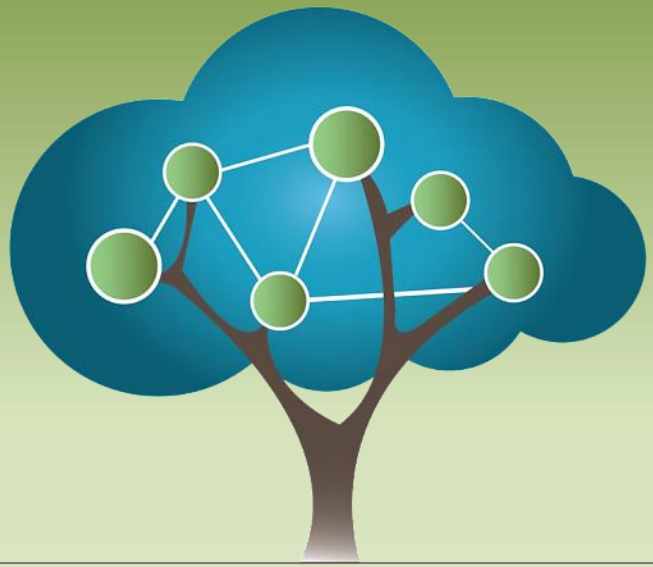
Thanks!



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