

## **CEPC**

- The revised Wildfire Cause Data Standards were finalized and released as of November 2020.
- CEPC has stood up a new Fire Prevention Education Team subcommittee – stated purpose is to provide national leadership in all areas of wildland Fire Prevention Education Team (FPET) management.
- WPSAPS - Wildfire Prevention Spatial Assessment and Planning Strategies is now live through the EGP. Training sessions are being organized – the first one is the first week of March.
- Our NASF Eastern representative presented a CEPC update to the Southern Group of Fire Chiefs which also included reps from the Northeast Fire Supervisors, Western Fire Managers and USFS Fire leadership.
- CEPC is editing an Outdoor Fire Safety brochure and the US Forest Service hopes to have printed this spring.
- CEPC put forth the first budget requests since FY2014.
- Our committee membership roster is full.

## **Fire Prevention Education Team Subcommittee (FPETSC)**

- Revised the P-310 Prevention Education Team Member (PETM) training and has gone through an alpha test and an additional delivery hosted by California will be April 12-16, 2021.
- P-301 Fire Prevention 2 (Fire Prevention Planning) will be offered in New Mexico and California the first week in March.
- Working on revised Prevention Education Team Leader Guide.
- IPDs for Prevention Education Team Member and Leader are almost finalized.
- The digital library continues to develop and is being used by more prevention folks.
- Planning is taking place for the National Prevention Workshop to be held in partnership with the NASF annual meeting in Pennsylvania in September of this year.

## **PIO Subcommittee (PIOSC)**

- Sent in proposed revision to the media interviews page 101 of the IRPG to include social media guidance.
- Working to finalize the IPDs for PIO1, PIO2, and revising PIOF to become a PIO3 and adding a PIO T (technician) position.
- Working on documents for the proposed transition of PIOF to PIO3 and to add PIOT.
- Plan to have these documents in place to propose the added positions this fall.
- Conducting outreach to PIOs on the new positions and continuing to gather comments/feedback on the needs for PIOT.
- Gathering notes and feedback from virtual S-203 courses for future recommendations.

## **Wildland Fire Investigation Subcommittee (WFISC)**

- In September 2020, Jerry Hepler transitioned in as the WFISC Chair from Jeff Bonebrake, and in November John Bird was nominated as vice chair.
- Revision of FI-110, Wildland Fire Observations and Origin Scene Protection for First Responders is with NWCG Publications Manager Jesse Bender.
- A draft version of the IPDs and the PTBs for Wildland Fire Investigation Team Member - INTM(L) and Wildland Fire Investigator - INVF will be reviewed by the subcommittee this month.

- The revision to FI-310, Wildland Fire Investigation: Case Development is expected to be completed in early April.
- The revision to FI-210, Guide to Wildland Fire Origin and Cause Determination is expected to be completed by May 2022.
- The WFISC is working with NIFC External Affairs to revise and update the INVf and INTM(L) section of the Fire Prevention and Education page for the new NIFC website that's currently in development.

**DMC**





## Data Management Committee

### ➤ **Data Cache**

- Program Charter in review
- Working with DOI and FS IT leadership on technical components
- Very close coordination with FENC Fire Environment Mapping System (FEMS)
- Enterprise Data Governance (EDG) tool is a key component of the Data Cache
  - Reference Data and Data Services Catalog

### ➤ **Data Management Program**

- Drafting charter
- Need to implement Data Governance Board
- Working with USDA, FS, and DOI Chief Data Officers
- Challenge: Cultural change toward data governance

## ► Fire Reporting Subcommittee

- Reviewing first year of InFORM implementation
- Continue to define reporting requirements and data standards
- Challenge: Data/business workflows

## ► Geospatial Subcommittee

- Updating GeoOPS (PMS 936) and GISS Workflow (PMS 936-1)
  - GISS Refresher
- New Open Data Services on NIFC AGOL
  - Current Fire Points – over 3 billion hits in 2020

## ► Unit ID Board

- Moved to a new database
- Revising Unit ID Guidance (PMS 931)

# Subcommittee Updates

## ▶ **Data Standards and Terminology Board**

- ▶ Processed over 200 glossary additions, changes or archives
- ▶ Nearly 20 new data and data layer standards
  - ▶ Including Fire Cause!!

## ▶ **Data Strategy Implementation Subcommittee**

- ▶ Enterprise Data Governance (EDG) tool
- ▶ DOI and FS Data Strategy Teams
- ▶ Fuels Knowledge Graph Project with the Chief Data Officer Council

Subcommittee  
Updates

*More to come tomorrow!*

## FENC updates

- RAWS summit the week of January 18<sup>th</sup> to discuss RAWS data, archiving and cleaning data – key participants were invited to participate – DRI lead this discussion
- FEMS ongoing participation and interaction
- Working to help host and provide virtual learning for the fire behavior courses – 390/490
- FBS Working with WFSTAR to host fire environment materials for the annual refresher, videos were produced with WETC Wildland Fire Education & Training Collaborative (WETC)

*check out our videos!* <http://worldofwildlandfire.org>

- Submitted recommendations for changes to the IRPG –
- Planning for the biannual spring webinar hosted by the fire environment continuing education subcommittee
- Wildfire Analyst has been rolled out for CA, agency partners may have access this field season
- S-495 Chair transition to LaWen Hollingsworth and Ben curtis



# NWCG FUELS MANAGEMENT COMMITTEE

Chair – Mike Van Hemelryck (NPS)

Vice Chair – Andy James (NASF)

Mark Jackson (BIA), Angie Simpson (BLM),

Tate Fischer (FWS), Frankie Romero (FS)

# HIGHLIGHTS

- RXBI/2 Standards and Training Updates for Prescribed Fire Manager Positions
- RX-310 Online Offering
- RT-300 Landscape Scale video



- New chair
- Membership has stabilized over the last year after some recent changes - starting to gain some forward momentum despite the challenges of not actually meeting in person due to COVID
- Working with GSC and WFDSS on Data Standard for Fire Planning that would support WFDSS as well as FMPs, other spatial applications
- Continuing to work on glossary cleanup and updates (we even updated the Definition for Fire Planning this year 😊!)
- Finalized the READ subcommittee (July, 2020)
  - READ SC is working on IPDs for READ, REAF, and ARCH as well as collecting information related to a 310-1 request for those positions
  - Reviewed and provided input on IRPG content (MIST)
- IFPC heard presentations from subject area experts on INFORM, IFTDSS, FEMS, WFDSS Next Gen.

IPSC



# 2020 IPSC Committee Summary

2021 Annual Meeting



# Committee Structure

- IPSC
  - Incident Command SC – Shane Greer Chair
  - Incident Logistics SC – Chris Alford Chair
  - Incident Operations SC – Patrick Morgan Chair
  - Incident Planning SC – Chris Buhrig (Heather Gonzalez) Chair
  - Position Naming Board – Jason Steinmetz Chair
  - Steering Committees - TBD

# Accomplishments

- PMS-210, Wildland Fire Management Field Reference Guide abolishment
- IPD Creation and maintenance: Command – 6/8 IPDs completed, ILSC – 19/19 IPDs completed, IPS – 8/12 IPDs completed, IOSC – 17/17 IPDs completed
- IPS – S-445 course, IMRR coordination, E-docbox task team
- IOSC - IRPG updates
- ICSC – IPD's
- ILSC – IPD's
- RFC's 12 active, 13 open action items/taskings



# The Horizon

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- Support NWCG Training Program Systems Improvement Efforts – PSAT and Standards Creation
- Continuing Education Model for qualifications
  - Move to dynamic
  - Currency
  - Alignment with systems improvement and training delivery changes.
- Internal Process – External Guidance



# TRAINING DELIVERY COMMITTEE BRIEFING

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# BACKGROUND

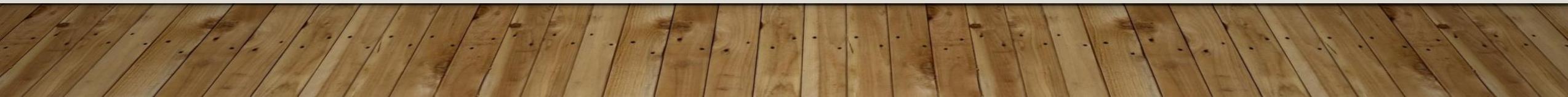
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The Training Delivery Committee was established August 2020 and tasked with prioritizing delivery of 2020/21 courses and student nominations based on the following criteria:

## **Courses**

- Training required for qualification in a PMS 310-1 position.
- Training required for an IFPM/FS-FPM Position Description (PD) (e.g., M-581, S-491).
- Training required for an IFPM/FS-FPM qualification for PD (e.g., S-300, S-390, for ICT3).
- Training required only by a specific agency must be coordinated with the appropriate National Training Officer for alternative options.

## **Student Nominations for priority students, defined as:**

- Those individuals having the ability to complete related position task book (PTB) and qualification certification within the next 12-18 months.
  - Those individuals for whom the course is directly related to the skills required to function in their current position or those whose career advancement within the next year will be impacted
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# CURRENT STATUS/ PLANNED ACTIONS

Completed courses			In Development
RT-130	S-219	M-410	RT-300
RX-310	S-230	M-581	RT-372
S-300	S-231	RT-273	RT-378
S-330	S-244		RX-410 (w/cadre)
S-339	S-270		RX-341 (April delivery)
S-371	S-271		RX-301 (April delivery)
S-372	S-290		S-390 (April delivery)
S-200	FI-110		S-490 (w/cadre)
S-215	S-420		S-491 (w/cadre)
ICS 300	ICS 400		S-440

# CONCLUSION MOVING FORWARD

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NWCG has provided guidance for virtual delivery of NWCG training courses that is consistent with the TDC tasking and FMB guidance. The TDC are currently in the process of a monumental effort in the execution of the tasking and adherence to existing guidance and analyzing future needs.

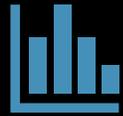
- ILT Cadre/instructor knowledge skills abilities shifting to VILT. Time and unfamiliarity of the Learning Portal have been the limiting factors to the enhancement process of content in 2020/2021, but the foundation has been built.
- Through formal and OTJ training and continued Geographic Area, NWCG, and OWF collaboration, TDC is creating a platform for innovation, information sharing, and eliminating redundancy to enhance the delivery of future training.
- Building Resiliency Into Training Programs: Having multiple training cycles disrupted over the last 3 years on a national scale, TDC is developing viable long-term solutions to limit future disruptions while creating more equitable access to high quality nationally standardized training.



# DATA GOVERNANCE

EDG AND ITS ROLE IN NWCG STANDARDS

## TOPICS



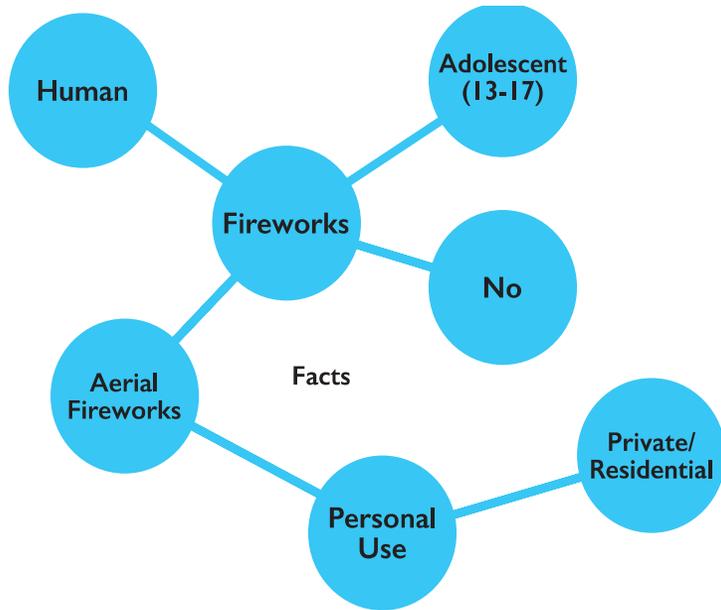
Knowledge Graphs



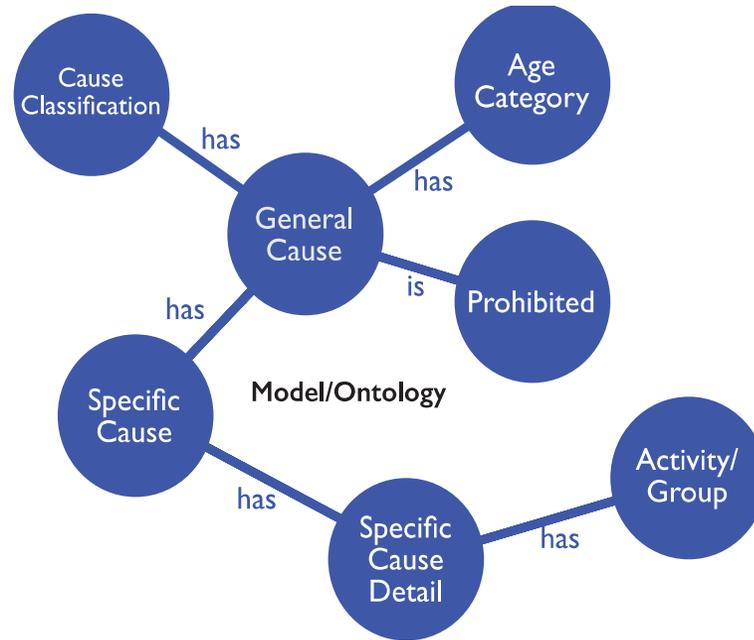
Is it a glossary term or a data standard?



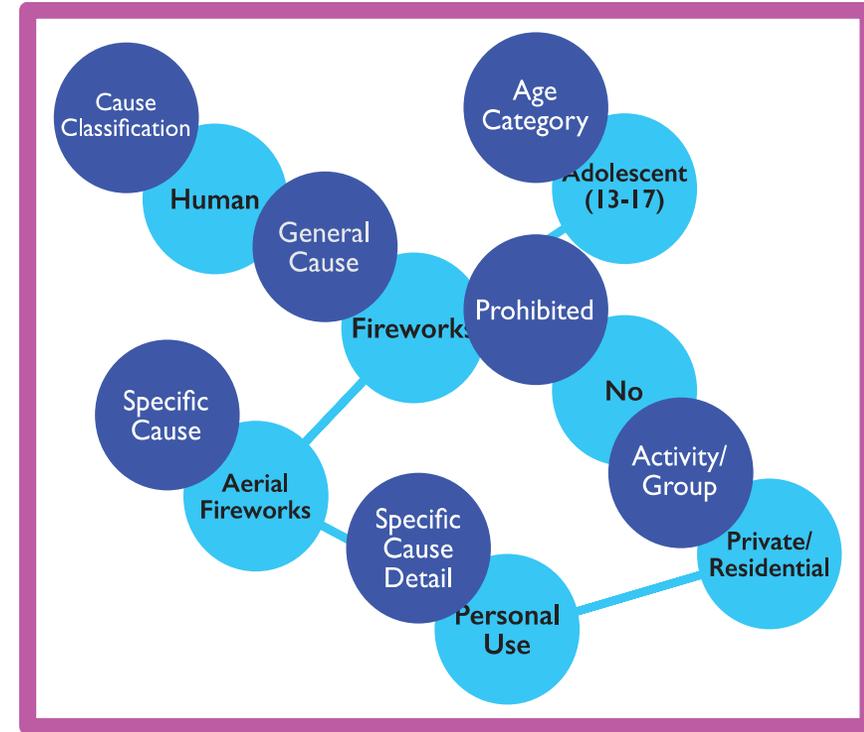
Data in EDG



Facts



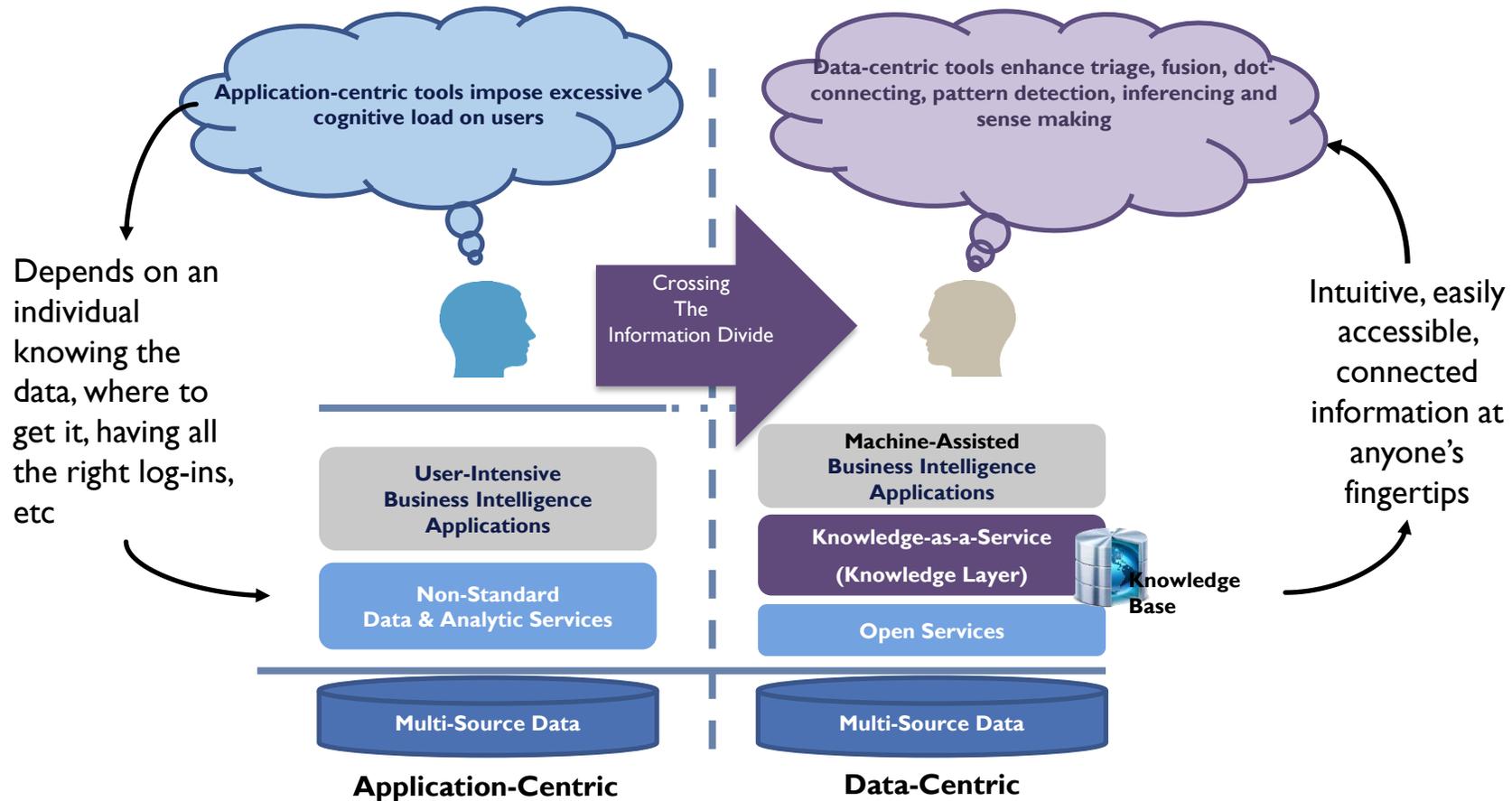
Model



Knowledge Graph

# KNOWLEDGE GRAPH RECIPE

# A DECISION-MAKING FORCE MULTIPLIER



## Position Code & Position Title

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This data standard provides a code (mnemonic) and title for each position used in incident management response. [validated: 2/15/2005; updated: 12/17/2018]

Attachment	Size
 <a href="#">Values</a>	16.66 KB
 <a href="#">Definition</a>	46.37 KB

**Status:** Approved

**Date:** 12/17/2018

**Version:** 2

**Data Standard Type:** Data Element

# NWCG Data Standard Meta-data Definition

Status:  Draft  Proposal  Approved

Date: December 17, 2018

<b>Name:</b>		
<b>Data Attribute Name</b>	<i>Position Code</i>	
<b>Abbreviation</b>		
<b>Contacts:</b>		
<b>Data Stewardship Group (NWCG Working Team or Associated Group)</b>	<i>Operations and Training Committee (OTC)</i>	
<b>Data Steward or Source Reference</b>	<i>OTC Primary Member, Garth Fisher</i>	
<b>System of Record</b>	<i>Position Naming Board (PNB)</i>	
<b>Custodian</b>	<i>Position Naming Board (PNB) Chair</i>	
<b>Definition:</b>		
<b>Description</b>	<i>A code (mnemonic) for designating a position used in incident management response.</i>	
	<b>Data Exchange Standards</b>	<b>Data Entry Guidelines</b>
<b>Length</b>	<i>Maximum: 6      Minimum: 4</i>	<i>Maximum: 4      Minimum: 4</i>
<b>Data Type</b>	<i>AlphaNumeric</i>	<i>AlphaNumeric</i>
<b>Case Sensitivity</b>	<i>Upper-case</i>	<i>Upper-case</i>
<b>Format</b>	<i>XXXX or XXX9 or XX99</i>	<i>XXXX or XXX9 or XX99</i>
<b>Example</b>	<i>DIVS = Division/Group Supervisor</i>	<i>ICT2 = Incident Commander Type 2</i>

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Active  
Resources

- Resources checked in and assigned work tasks on an incident.
  - *synonym:* Assigned Resources
  - *see also:* Allocated Resources; Available Resources

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Adiabatic  
Process

- According to the American Meteorological Society, a process in which a system does not interact with its surroundings by virtue of a temperature difference between them. In an adiabatic process any change in internal energy (for a system of fixed mass) is solely a consequence of working. For an ideal gas and for most atmospheric systems, compression results in warming, expansion results in cooling. Source: [http://glossary.ametsoc.org/wiki/Adiabatic\\_process](http://glossary.ametsoc.org/wiki/Adiabatic_process).

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Unit,  
Jurisdictional

- The governmental entity having overall land and resource management responsibility for a specific geographical area as provided by law.
  - *Definition Extension:* 1) Ultimately responsible for the fire report to account for statistical fire occurrence; 2) Responsible for setting fire management objectives; 3) Jurisdiction cannot be re-assigned by agreement; 4) The nature and extent of the incident determines jurisdiction (for example, Wildfire vs. All Hazard); 5) Responsible for signing a Delegation of Authority to the Incident Commander.
    - *See also:* Unit, Protecting; Landowner

# TOPBRAID EDG

TopBraid EDG™  
Enterprise Data Governance

+ Home

Global Lookup

Hello, [gabriellab](#)

←

DASHBOARD

- Home
- Basket
- My Workflows
- Find Code
- Find Tasks

ASSET COLLECTIONS

- Glossaries
- Requirements Assets
- Data Assets
- Datatypes
- Enumerations
- Enterprise Assets
- Technical Assets
- Lineage Models
- Taxonomies
- Reference Datasets
- Ontologies
- Crosswalks

GOVERNANCE MODEL

- Governance Areas

## Welcome to TopBraid EDG

**TopBraid Enterprise Data Governance™**

TopBraid EDG™ is an agile data governance solution for today's dynamic enterprises. With EDG, you can choose one or combine two or more data governance packages to support a comprehensive but staged approach to data governance.

### Workflow Summary

There are **3** workflows requiring your attention, click [here](#) to review.

### My Tasks

**You have no tasks**

### What's Happening?

- Data Assets Collection WF Data InFORM created by rachels  
02/05/2021 - 10:09:52 AM GMT-09:00
- Data Assets Collection WF Data InFORM deleted by emmyh  
02/05/2021 - 09:55:28 AM GMT-09:00
- Data Assets Collection WF Data InFORM created by emmvh

## Search the EDG

Start Typing...

### Recently Viewed Collections

- WF Data IRWIN
- Governance Model
- WF Core Data Ext Model
- WF IP Description and Requirements

### My Governance Roles

Area/Asset Collection	Governance Role
EDI Vocabs	Data Steward
Shared Resources	Data Steward
WF	Data Steward
WF	Technical Steward

## Asset Collections Summary

Summary includes all collections, availability is dependent upon user permissions.

- Glossaries - 11
- Taxonomies - 34
- Requirements Assets - 2
- Reference Datasets - 6
- Data Assets - 10
- Ontologies - 27
- Enumerations - 1
- Crosswalks - 0
- Datatypes - 1
- Enterprise Assets - 24
- Technical Assets - 5
- Lineage Models - 0

