



# Collaborate Using GeoNet, The Esri Community

Michelle Mathias

Leslie Fountain

*2021 ESRI  
DEVELOPER SUMMIT*

# Agenda

- **Meet the Team**
- **What is GeoNet, The Esri Community**
- **Collaborating in the Community**
- **Community Demo**



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# Collaborate Using GeoNet, The Esri Community

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Leslie Fountain

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# GeoNet, The Esri Community Team



Chris Catania  
Community Team  
Lead



Louise Branscomb  
Community Moderator  
& Project Manager



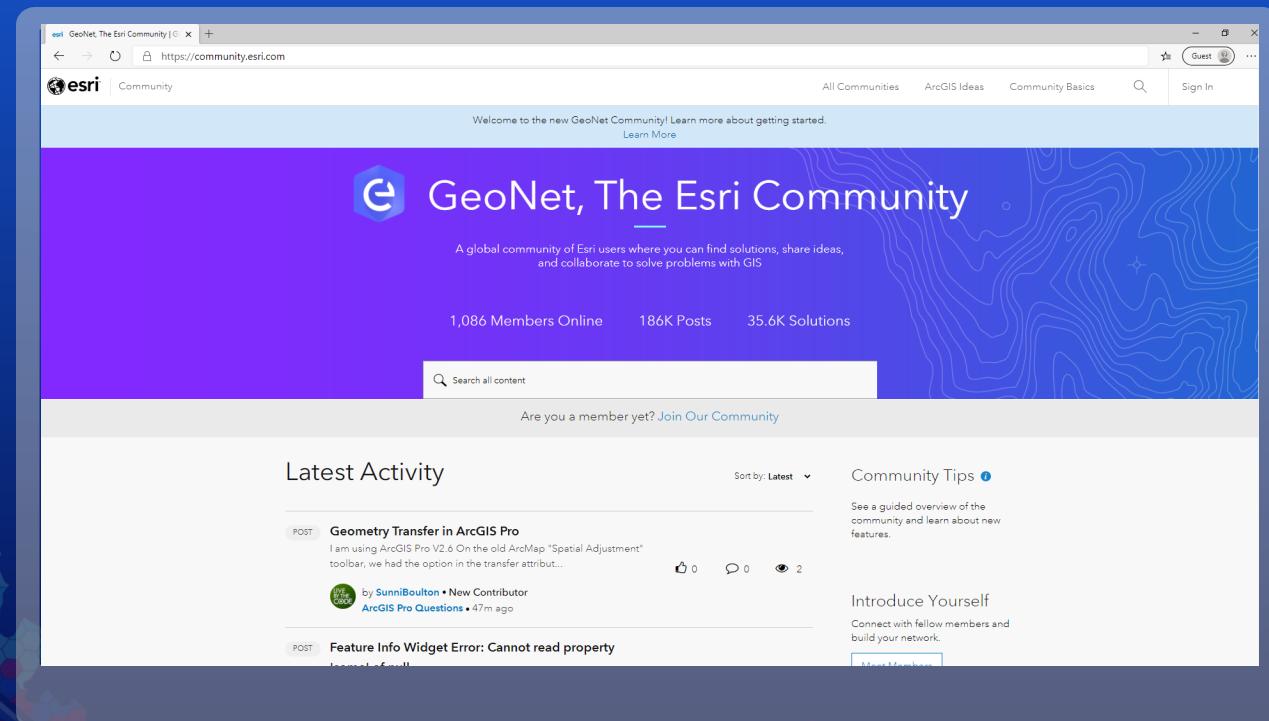
Michelle Mathias  
Community Manager



Leslie Fountain  
Community Content  
Manager

# What is GeoNet, The Esri Community

A global community of Esri users where you can find solutions, share ideas, and collaborate to solve problems with GIS



Collaborate

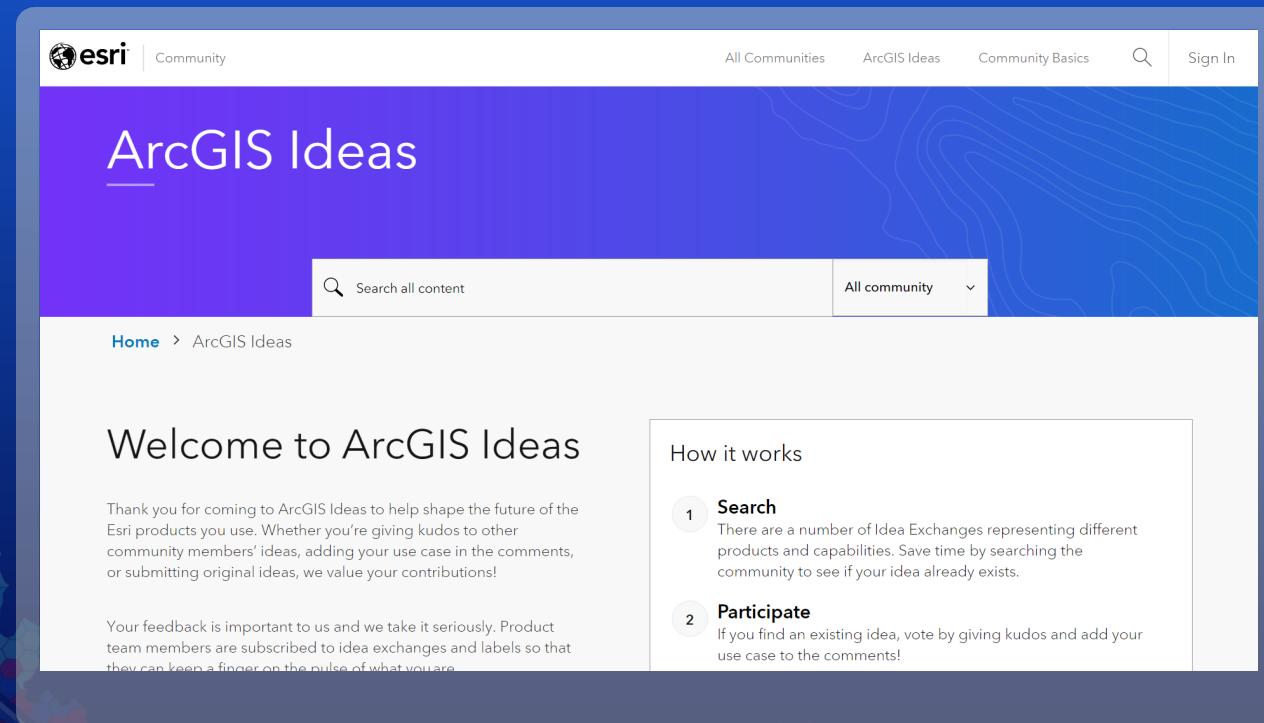
Find  
Solutions

Share  
Ideas

[community.esri.com](https://community.esri.com)

# What is GeoNet, The Esri Community

A global community of Esri users where you can find solutions, share ideas, and collaborate to solve problems with GIS



The screenshot shows the ArcGIS Ideas homepage. At the top, there is a navigation bar with the Esri logo, a 'Community' link, and buttons for 'All Communities', 'ArcGIS Ideas', 'Community Basics', a search icon, and 'Sign In'. Below the navigation is a purple header with the text 'ArcGIS Ideas'. Underneath the header is a search bar with a placeholder 'Search all content' and a dropdown menu set to 'All community'. The main content area has a white background. At the top of this area, there is a breadcrumb navigation showing 'Home > ArcGIS Ideas'. Below the breadcrumb is the heading 'Welcome to ArcGIS Ideas'. To the right of the heading is a box titled 'How it works' containing two numbered steps: '1 Search' and '2 Participate'. Step 1 describes how users can search for existing ideas. Step 2 describes how users can participate by voting on ideas and adding use cases. The background of the page features a faint map and a hexagonal grid pattern.

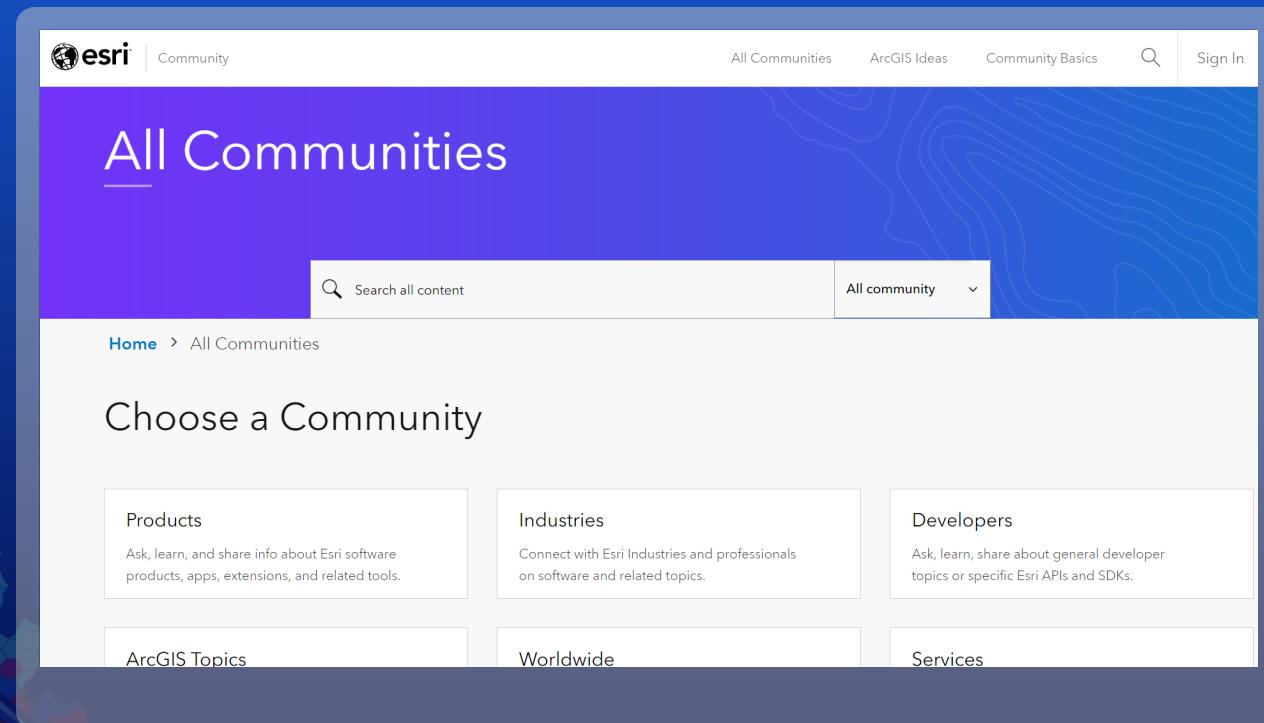
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# What is GeoNet, The Esri Community

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The screenshot shows the 'All Communities' page of the Esri Community website. The top navigation bar includes links for 'All Communities', 'ArcGIS Ideas', 'Community Basics', and 'Sign In'. Below the navigation is a search bar with the placeholder 'Search all content' and a dropdown menu set to 'All community'. The main content area is titled 'All Communities' and features a 'Choose a Community' section. This section contains six categories: 'Products' (Ask, learn, and share info about Esri software products, apps, extensions, and related tools), 'Industries' (Connect with Esri Industries and professionals on software and related topics), 'Developers' (Ask, learn, share about general developer topics or specific Esri APIs and SDKs), 'ArcGIS Topics' (ArcGIS Topics), 'Worldwide' (Worldwide), and 'Services' (Services). The background of the page features a blue gradient with a faint topographic map pattern.

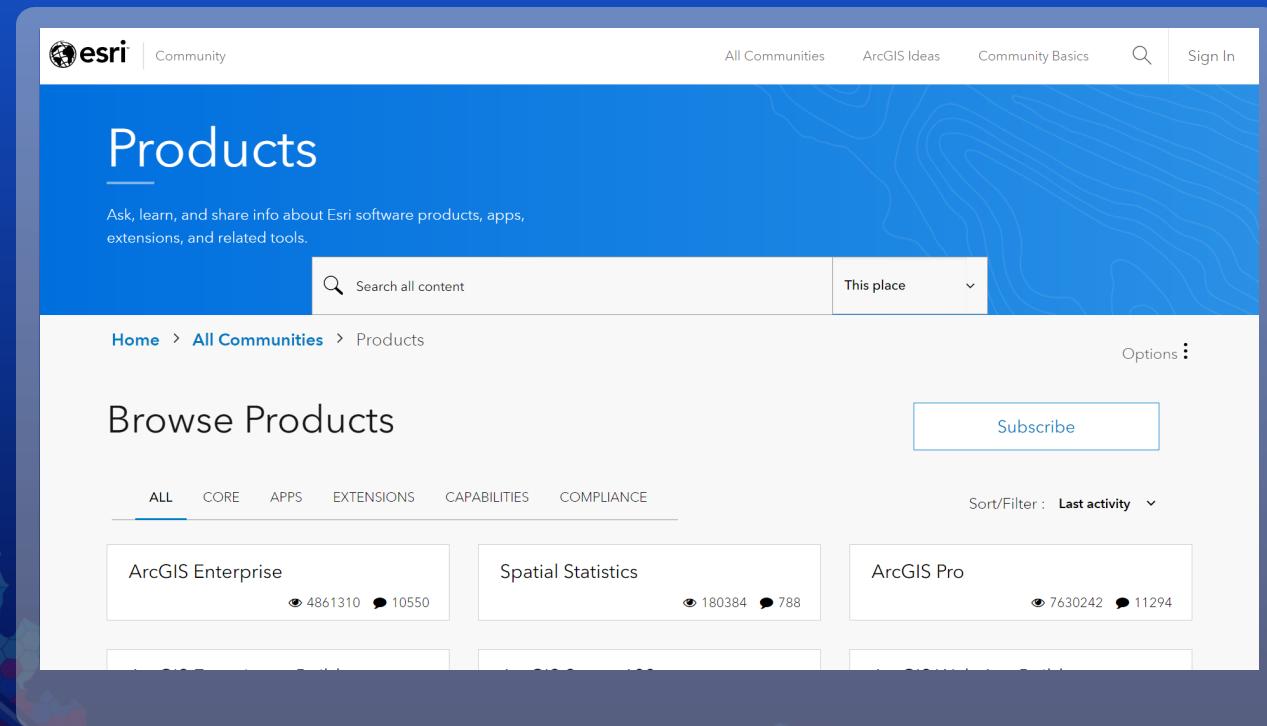
Collaborate

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The screenshot shows the 'Products' section of the Esri Community website. The header includes the Esri logo, a search bar, and navigation links for 'All Communities', 'ArcGIS Ideas', 'Community Basics', and 'Sign In'. The main content area is titled 'Products' with a sub-instruction: 'Ask, learn, and share info about Esri software products, apps, extensions, and related tools.' It features a search bar, a dropdown menu set to 'This place', and a 'Subscribe' button. The navigation bar below shows 'Home > All Communities > Products'. The 'Browse Products' section includes a 'Sort/Filter' dropdown set to 'Last activity'. Below are categories: 'ALL' (selected), 'CORE', 'APPS', 'EXTENSIONS', 'CAPABILITIES', and 'COMPLIANCE'. Three items are listed: 'ArcGIS Enterprise' (486,1310 views, 10,550 comments), 'Spatial Statistics' (180,384 views, 788 comments), and 'ArcGIS Pro' (763,024 views, 11,294 comments).

Collaborate

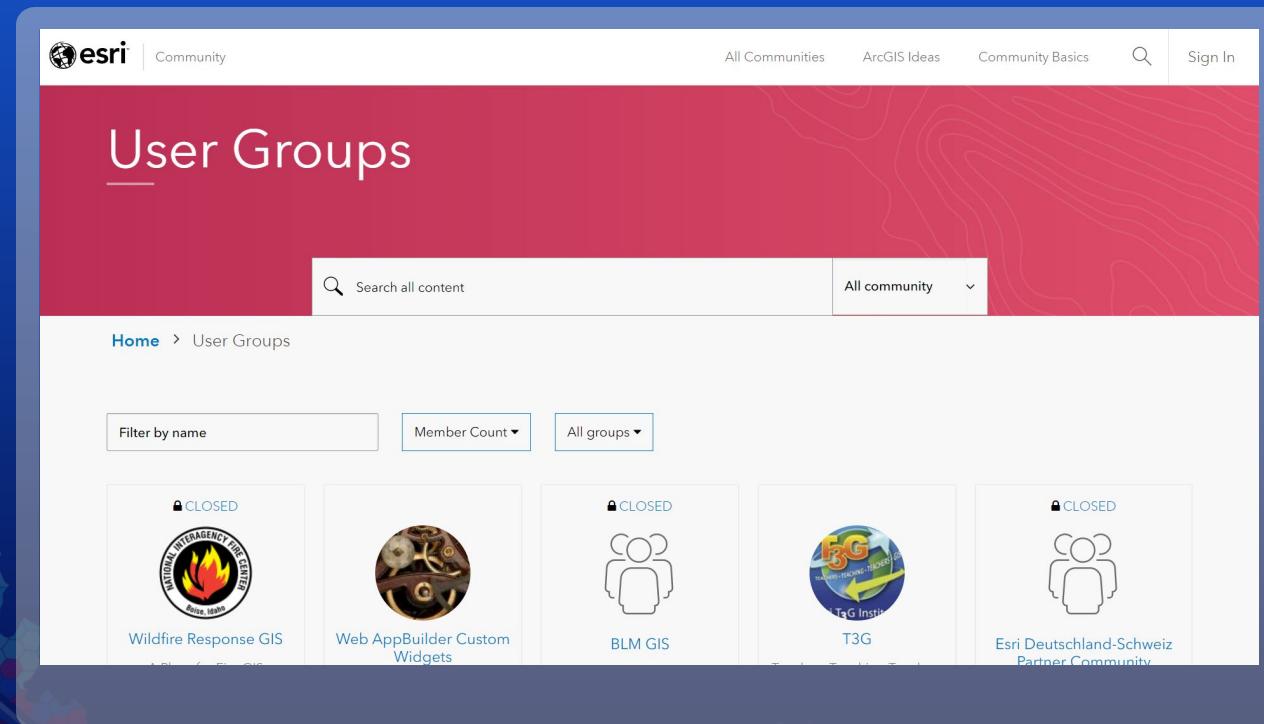
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The screenshot shows the Esri Community interface for 'User Groups'. The top navigation bar includes 'All Communities', 'ArcGIS Ideas', 'Community Basics', a search icon, and 'Sign In'. The main heading 'User Groups' is displayed on a red banner. Below the banner is a search bar with 'Search all content' and a dropdown menu set to 'All community'. The page title is 'Home > User Groups'. There are three filter buttons: 'Filter by name', 'Member Count ▾', and 'All groups ▾'. Below these are five user group cards, each with a 'CLOSED' status indicator:

- Wildfire Response GIS
- Web AppBuilder Custom Widgets
- BLM GIS
- T3G
- Esri Deutschland-Schweiz Partner Community

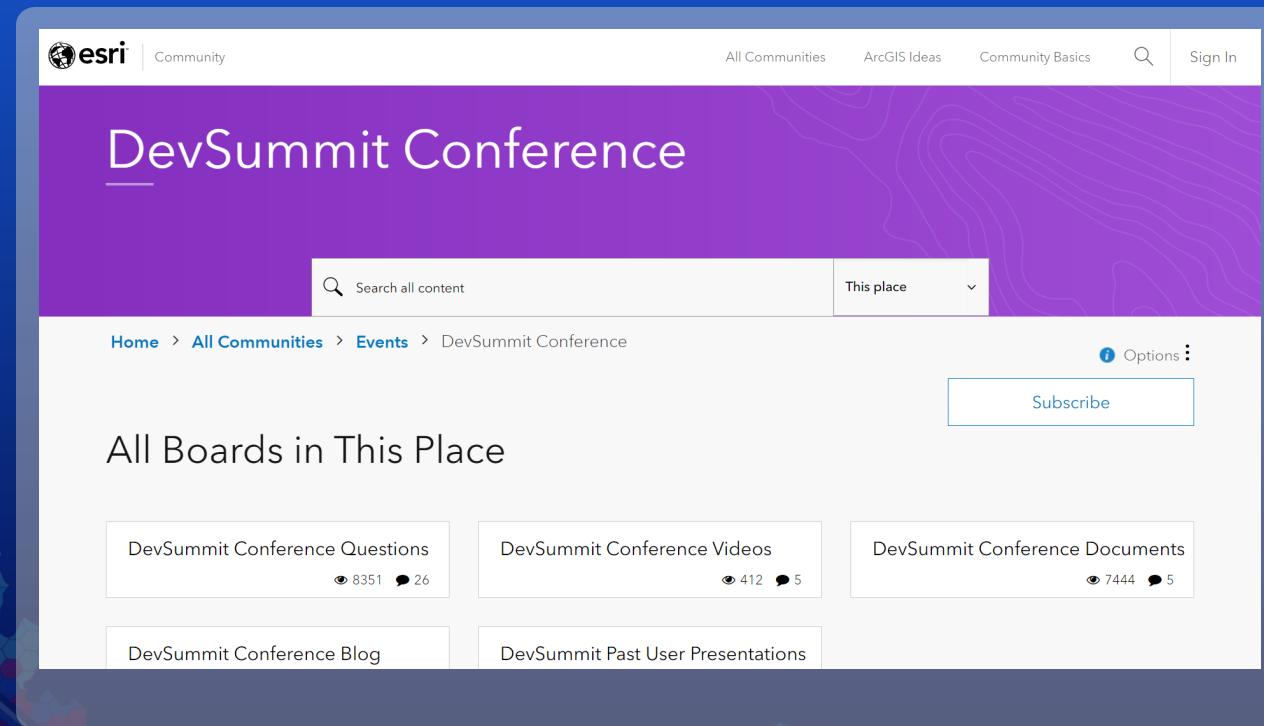
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# The Esri Community in 2020



**210K**  
Registered  
Members



**49K**  
New  
Members

**13K**  
Monthly  
Active  
Members

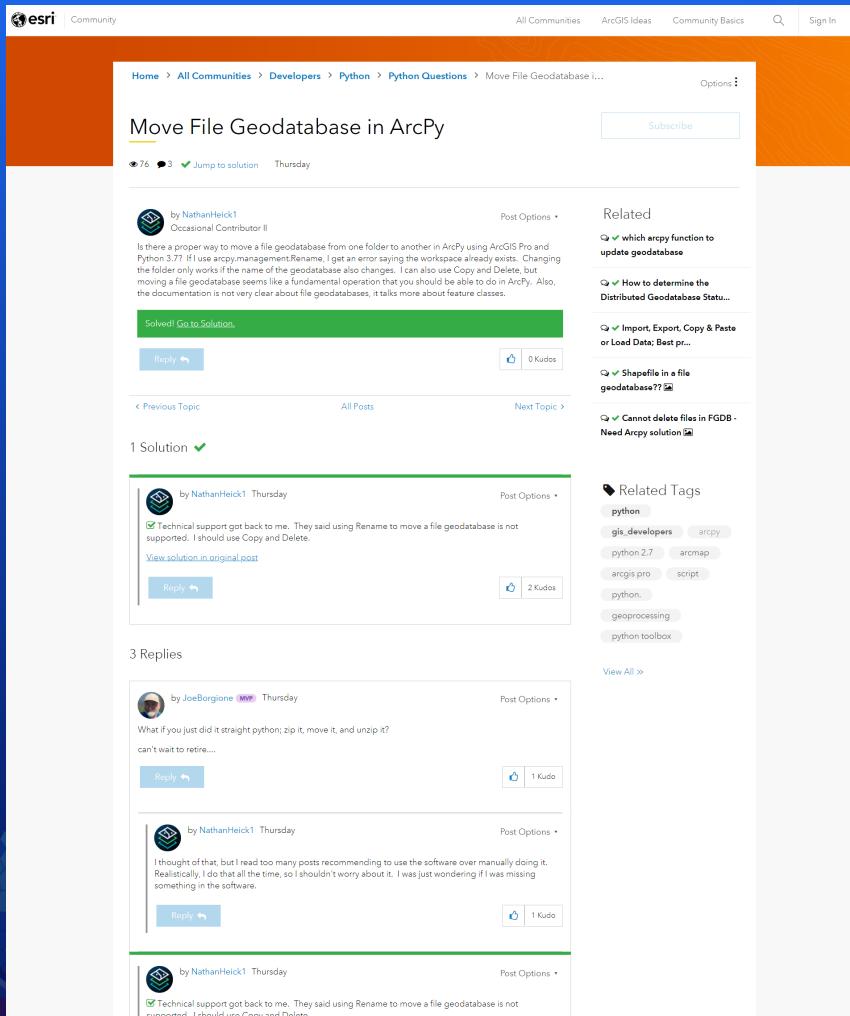


**3.5M**  
Unique  
Visitors



**1,583** ArcGIS Ideas  
that support Esri product  
innovation and empower  
customer advocates

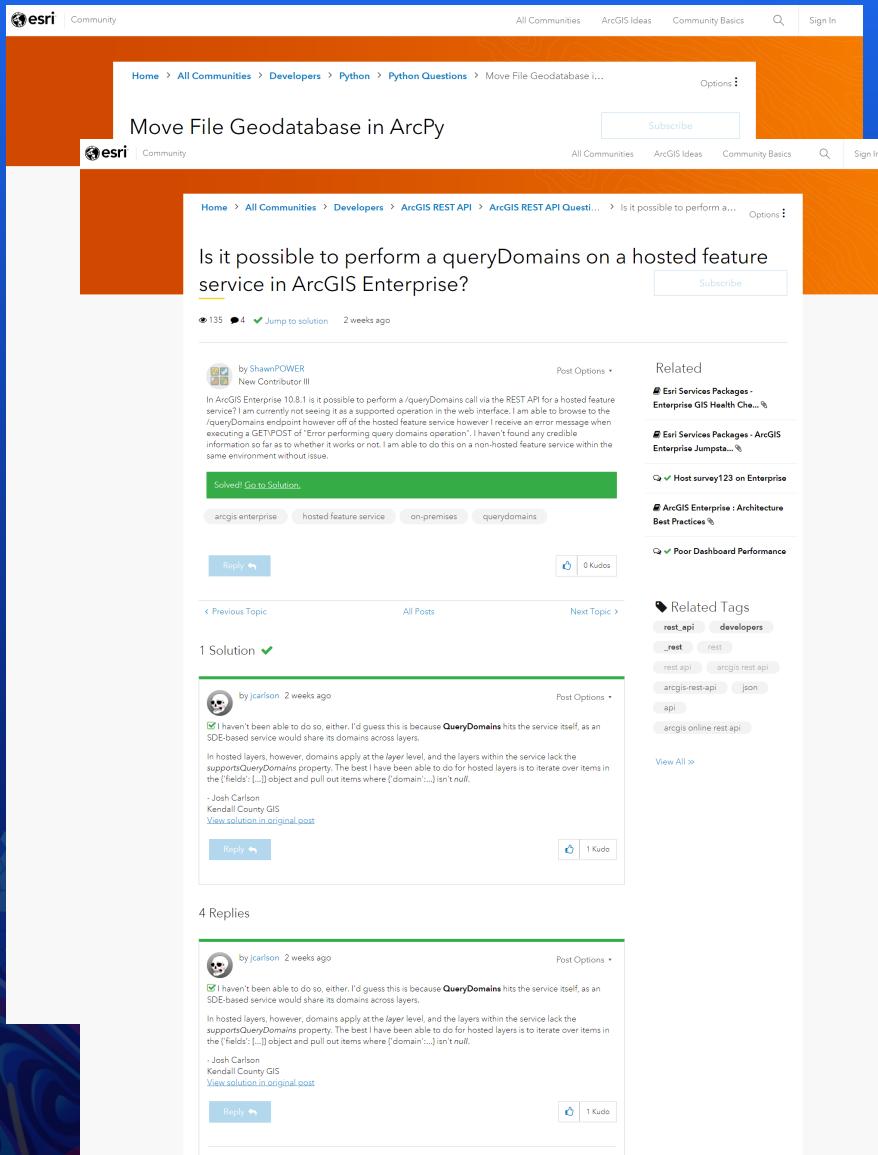
# Collaborating in the Community



The screenshot shows a forum post titled "Move File Geodatabase in ArcPy" on the Esri Community website. The post was made by NathanHeick1, an occasional contributor, on Thursday. The post asks if there is a proper way to move a geodatabase from one folder to another in ArcPy. It includes a note that changing the workspace name also changes the folder path, and that the name of the geodatabase also changes. It also mentions that one can use Copy and Delete, but the documentation is not very clear about file geodatabases. A "Solved! Go to Solution" button is present. The post has 76 views, 3 replies, and 0 kudos. The replies section shows three replies from JoeBorgione and NathanHeick1, discussing the use of Rename, Zip, and Unzip methods. The post has 2 kudos. The right sidebar shows related posts and tags: "which arcpy function to update geodatabase", "How to determine the Distributed Geodatabase Status", "Import, Export, Copy & Paste or Load Data: Best Practices", "Shapefile in a file geodatabase?", and "Cannot delete files in FGDB - Need arcpy solution". It also lists "Related Tags" including python, gis\_developers, arcpy, python 2.7, arcmap, arcgis pro, script, python, geoprocessing, and python toolbox.

Discover what other users are working on and the problems they are trying to solve

# Collaborating in the Community

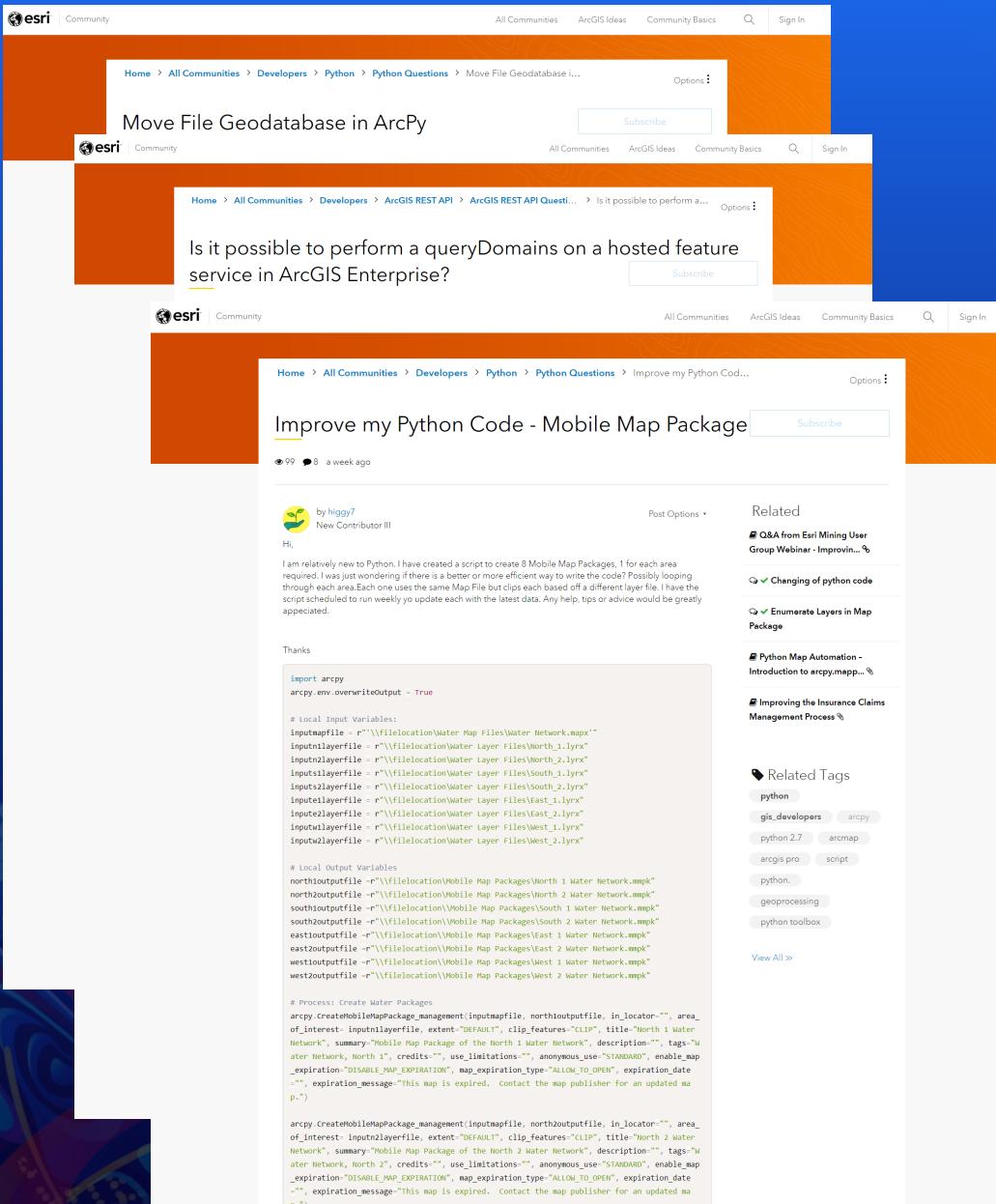


The screenshot displays two posts from the Esri Community website. The top post is titled "Move File Geodatabase in ArcPy" and the bottom post is titled "Is it possible to perform a queryDomains on a hosted feature service in ArcGIS Enterprise?". Both posts include a "Subscribe" button, a "Post Options" menu, and a list of related topics and tags. The posts show a single solution and four replies, each with a user profile, timestamp, and a "Post Options" menu.

Discover what other users are working on and the problems they are trying to solve

Ask questions and find solutions from other member's stories and expertise

# Collaborating in the Community



The image displays three separate screenshots of the Esri Community website, each showing a different type of user-generated content:

- Top Screenshot:** A question titled "Move File Geodatabase in ArcPy" with the URL [Home > All Communities > Developers > Python > Python Questions > Move File Geodatabase in ArcPy](#). The post asks if it's possible to perform a queryDomains on a hosted feature service in ArcGIS Enterprise.
- Middle Screenshot:** A story titled "Is it possible to perform a queryDomains on a hosted feature service in ArcGIS Enterprise?" with the URL [Home > All Communities > Developers > ArcGIS REST API > ArcGIS REST API Quest... > Is it possible to perform a...](#). It discusses the possibility of performing a queryDomains on a hosted feature service in ArcGIS Enterprise.
- Bottom Screenshot:** A code snippet titled "Improve my Python Code - Mobile Map Package" with the URL [Home > All Communities > Developers > Python > Python Questions > Improve my Python Cod...](#). It shows a Python script for creating a Mobile Map Package, with the code:

```
import arcpy
arcpy.env.overwriteOutput = True

# Local Input Variables:
inputmapfile = r"\\filelocation\Water Map Files\Water Network.mapx"
inputlayerfile = r"\\filelocation\Water Layer Files\North_1.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\North_2.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\South_1.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\South_2.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\East_1.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\East_2.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\West_1.lyrx"
inputlayerfile = r"\\filelocation\Water Layer Files\West_2.lyrx"

# Local Output Variables:
northoutputfile = r"\\filelocation\Mobile Map Packages\North_1 Water Network.mpk"
northoutputfile = r"\\filelocation\Mobile Map Packages\North_2 Water Network.mpk"
southoutputfile = r"\\filelocation\Mobile Map Packages\South_1 Water Network.mpk"
southoutputfile = r"\\filelocation\Mobile Map Packages\South_2 Water Network.mpk"
eastoutputfile = r"\\filelocation\Mobile Map Packages\East_1 Water Network.mpk"
eastoutputfile = r"\\filelocation\Mobile Map Packages\East_2 Water Network.mpk"
westoutputfile = r"\\filelocation\Mobile Map Packages\West_1 Water Network.mpk"
westoutputfile = r"\\filelocation\Mobile Map Packages\West_2 Water Network.mpk"

# Process: Create Water Packages
arcpy.CreateMobileMapPackage_management(inputmapfile, northoutputfile, in_locator="", area_of_interest_inputlayerfile, extent="DEFAULT", clip_features="CLIP", title="North 1 Water Network", summary="Mobile Map Package of the North 1 Water Network", description="", tags="Water Network, North 1", credits="", use_limitations="", anonymous_use="STANDARD", enable_map_expiration="DISABLE_MAP_EXPIRATION", map_expiration_type="ALLOW_TO_OPEN", expiration_date="2025-01-01", expiration_message="This map is expired. Contact the map publisher for an updated map.pka")

arcpy.CreateMobileMapPackage_management(inputmapfile, northoutputfile, in_locator="", area_of_interest_inputlayerfile, extent="DEFAULT", clip_features="CLIP", title="North 2 Water Network", summary="Mobile Map Package of the North 2 Water Network", description="", tags="Water Network, North 2", credits="", use_limitations="", anonymous_use="STANDARD", enable_map_expiration="DISABLE_MAP_EXPIRATION", map_expiration_type="ALLOW_TO_OPEN", expiration_date="2025-01-01", expiration_message="This map is expired. Contact the map publisher for an updated map.pka")
```

Discover what other users are working on and the problems they are trying to solve

Ask questions and find solutions from other member's stories and expertise

Work with other developers in the community on coding and getting feedback on your work

[community.esri.com](http://community.esri.com)

# Community Members



"I learn from those who have already figured out the answer, and in the process help those who end up having the same problem. Sharing our workflow and ideas lets us all build better things."

"I don't know how many times it has saved me from problems down the road and problems that I'm going through. It has been awesome."

"...Through the GeoNet Community I have had the opportunity to connect and collaborate with several new people and then meet up at the Esri Developer Summit..."

# Collaborating in the Community

- 36,000+ Accepted Solutions across the community
- 15+ Developer Communities
- 20+ Worldwide Communities
- 200+ User Groups

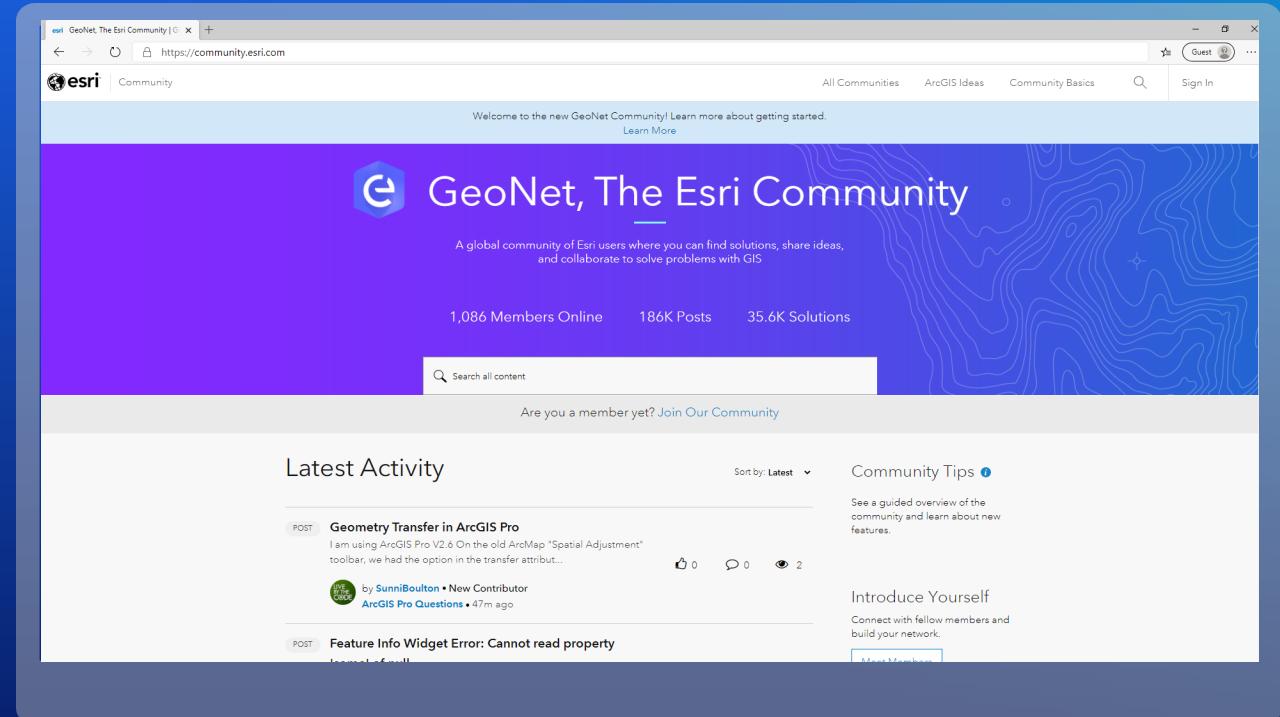
The screenshot shows the ArcGIS Runtime SDKs community page. At the top, there are search and filter options. Below that, a section titled "All Boards in This Place" displays several boards: "Runtime SDK for .NET Questions" (758599 posts), "Runtime SDK for Android Questions" (34110 posts), "Runtime SDK for iOS Questions" (344641 posts), "Runtime SDK for Java Questions" (125484 posts), "Runtime SDK for Qt Questions" (325689 posts), "Runtime SDK WPF (Retired) Ques" (12672 posts), "Runtime SDK macOS (Retired) Ques" (681 posts), "ArcGIS Runtime SDKs Blog" (18350 posts), "ArcGIS Runtime SDKs Documents" (2099 posts), "ArcGIS Runtime SDKs Videos" (214 posts), and "ArcGIS Runtime SDKs Ideas" (7191 posts). Below this is a "Latest Activity" section with a post from "smeawea" about a basemap not loading. A "Create A Post" button is also present.

The screenshot shows the Worldwide community page. It features a search bar and a "Browse Worldwide" section. The list includes: ArcGIS Content - Esri Nederland (2094 posts), ArcNesia (41643 posts), GeoDev Germany (2328 posts), ArcGIS 開発者コミュニティ (5902 posts), Czech GIS (1420 posts), Comunidad Esri Colombia - Ecuador (1314 posts), Comunidad GEOTEC (8171 posts), Esri Ireland (6408 posts), Esri Italia Community (5992 posts), ArcGIS voor op School - Nederland (1421 posts), Swiss Geo Community (10800 posts), Rwanda Geospatial Forum (207 posts), Používatele ArcGIS (5700 posts), NZ Basemaps (289 posts), GeoDev Switzerland (932 posts), GeoDev Netherlands (217 posts), Esri India (25691 posts), and Danmark, Færøerne og Grønland (1197 posts). A "Sort Filter" dropdown is visible.

The screenshot shows the Coronavirus disease 2019 (COVID-19) user group page. The top features a red banner with the text "Coronavirus disease 2019 (COVID-19)". Below the banner is a search bar and a "This group" dropdown. The main content area includes a "Welcome to the Coronavirus GIS Community" section with a brief description and a "Group Activity" section. A post from "JenniferBorlick" is shown, discussing a duplicate key error in a database. The post has 91 likes and 2 comments. The "Group Activity" section has a "Most Recent" dropdown. To the right, there is a "Group Information" section with a user icon, the group name, 5 members, and an open group status. At the bottom, there are sections for "Contents", "Questions" (91), "Blog" (2), and "Documents" (33).

# Collaborating in the Community

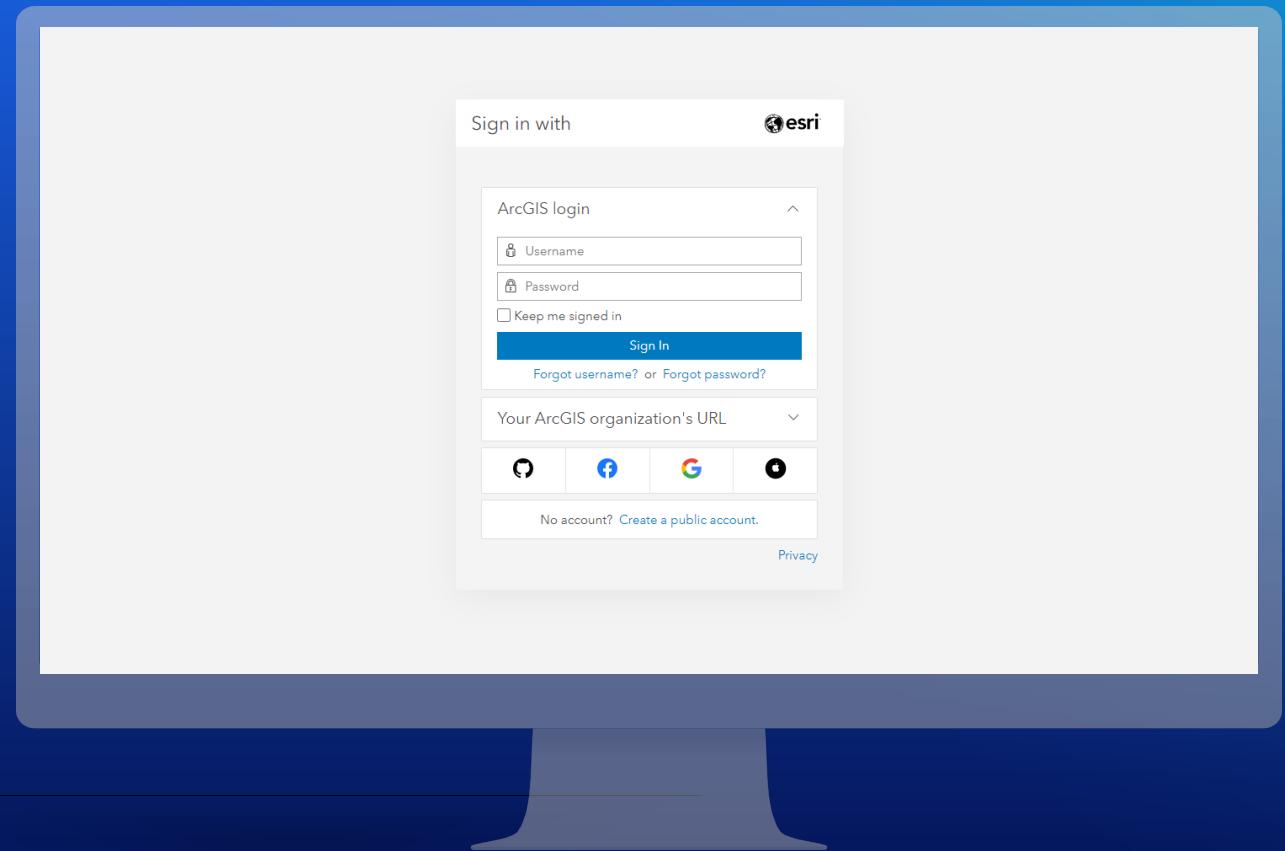
- How to Start
  - Create your free account
  - Fill out your profile
  - Find communities relevant to your work or interests



community.esri.com

# Collaborating in the Community

- How to Start
  - Create your free account
  - Fill out your profile
  - Find communities relevant to your work or interests



# Collaborating in the Community

- How to Start
  - Create your free account
  - Fill out your profile
  - Find communities relevant to your work or interests

New! Developer Avatar Collection



The screenshot shows the Esri Community profile page for a user named LeslieFountain. The profile picture is a circular photo of a woman with dark hair and a blue top. The page includes the following information:

- Home > About LeslieFountain
- LeslieFountain (Community Team since 06-24-2019)
- 25 Badges Earned (with two examples shown: a blue 'MVP' badge and a yellow 'Community Champion' badge)
- View All Badges Earned
- Activity stats: 13m ago, 186 Posts created, 198 Kudos given, 5 Solutions, 266 Kudos received
- A 'My Ideas' section showing 0 Idea Submissions
- User Groups for LeslieFountain: Community Staff Champions (98 members)

Community

All Communities ArcGIS Ideas Community Basics

Welcome to the new GeoNet Community! Learn more about getting started. [Learn More](#)

# GeoNet, The Esri Community

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1,304 Members Online 257K Posts 41.6K Solutions

Search all content

## Latest Activity

Sort/Filter: [Created](#)

**POST** [Round Trips - VRP ArcGIS Online](#)  
We are using the vrp solver to optimize a fleet at real time where the startDepotName of routes is used to model the ...  
by  [ihabElAttar](#) • New Contributor [ArcGIS Network Analyst Questions](#) • Last Updated 10m ago  
[Like](#) 0 [Comment](#) 0 [Views](#) 0

**POST** [Locator not working in ArcGIS pro](#)  
Hi my students and I are using ArcGIS Pro in an introductory class. We are following this assignment <https://pro.arcg...>  
by  [Meet Members](#)

Community Tips [i](#)  
See a guided overview of the community and learn about new features.

Introduce Yourself  
Connect with fellow members and build your network.  
[Meet Members](#)

# Community Demo

Michelle Mathias

# Join the Esri Community!

## Go to [community.esri.com](https://community.esri.com)

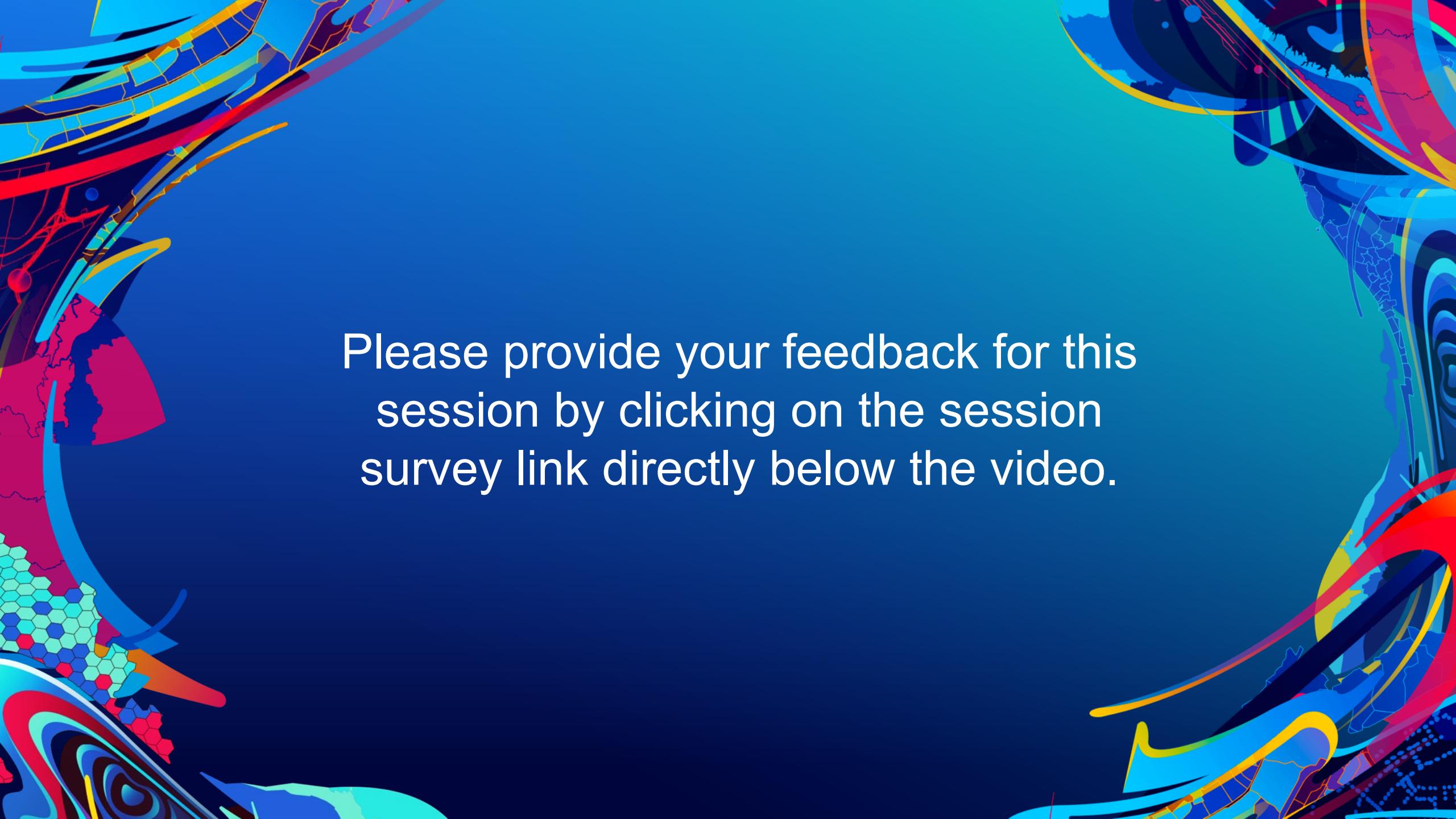
- Click [Sign In](#) to Create Your Free Account



A screenshot of the Esri Community website. The header features the Esri logo and navigation links for 'All Communities', 'ArcGIS Ideas', 'Community Basics', and 'Sign In'. The main title 'DevSummit Conference' is displayed on a purple banner. Below the banner is a search bar with the placeholder 'Search all content' and a dropdown menu set to 'This place'. The breadcrumb navigation shows 'Home &gt; All Communities &gt; Events &gt; DevSummit Conference'. On the right, there are buttons for 'Options' and 'Subscribe'. The main content area is titled 'All Boards in This Place' and includes five board cards: 'DevSummit Conference Questions' (8351 views, 26 comments), 'DevSummit Conference Videos' (412 views, 5 comments), 'DevSummit Conference Documents' (7444 views, 5 comments), 'DevSummit Conference Blog', and 'DevSummit Past User Presentations'.

[community.esri.com](https://community.esri.com)





Please provide your feedback for this session by clicking on the session survey link directly below the video.