

The 2015-2016 National 4-H GIS/GPS Leadership Team Application

We are glad that you are interested in applying for the National 4-H GIS/GPS Leadership Team. This is a national leadership opportunity for state 4-H youth-adult teams to support 4-H GIS and community mapping programs. Our leadership team is typically 20-40 teens and adults from 7-15 states.

Youth and adult team members should plan to spend 2-3 hours a month on Team responsibilities throughout the year. As members of the leadership team, youth and adults will:

- Attend the Esri International GIS Educator and User conferences in San Diego, including participating in a 4-H GIS service project, attending educational sessions and workshops and discussing your 4-H GIS projects and activities in workshops or exhibits (arrive Thursday, July 16, depart Wednesday, July 22);
- Take a lead role throughout the year on a project to support and promote 4-H GIS activities nationally and at the state and local level;
- Actively participate in online community, conference calls and other team communications to collaborate, document and implement national leadership plan;
- Serve as reviewers for 2016 4-H GIS software grant applications.

A state team is composed of one or two 4-H teens and one adult. Additional teams and members from a state may be accepted if there are positions available. States that wish to submit applications for more than one team need to rank them (first team, second team, etc.). A ratio of no more than two youth to one adult is required by the Esri conference. Youth must be 4-H members ages 14 - 17 and not yet graduated from high school at the time of the Esri conference in July 2015. Adults may be 4-H/Extension staff or qualified and approved 4-H volunteers. Current team members must re-apply and be selected to attend the Esri GIS conference on the national team.

For the Esri GIS conference, team members need to cover the costs for travel, local ground transportation, meals, lodging and incidentals. The conference fee has been waived by Esri for the 4-H GIS/GPS team. You may also need to purchase 4-H Technology Team polo shirts (about \$20 each – we recommend two) that are the required dress for all team members at the Esri conference. Estimated cost for meals, lodging and ground transportation will be approximately \$800 per person double occupancy. We have secured a block of rooms at a hotel close to the conference site for the 4-H delegation. When considering your ability to participate on the team, please understand that all members MUST arrive on Thursday, July 16, and depart Wednesday, July 22 or later, as variations in personal schedules create problems with lodging arrangements. You can learn more about the conference at <http://www.esri.com/events/educ/index.html>.

Read the application carefully, as there are some youth and adult written responses required to tell us about your experiences and qualifications. The signature of your 4-H Program Leader or designee is required on the application, so be sure to contact your state 4-H office prior to the application deadline for the signature.

Completed applications must be submitted no later than Friday, Feb. 20, 2015. E-mail this completed PDF document and then fax the signature page to the addresses shown on the last page of the application.

Team applications will be reviewed and selections made in March. If you have questions, you can contact me at: Email: JKahler@NIFA.USDA.GOV. Voice: 202-690-1568.

This is an outstanding national 4-H leadership opportunity. We look forward to receiving your team's application.

Jim Kahler
National Program Leader, 4-H Agriculture Science & Technology
4-H National Headquarters, NIFA, USDA

Tom Tate
Retired National Program Leader, USDA

The National 4-H GIS/GPS Leadership Team Application For July 2015 – July 2016 Program Year



Note: Please read the application carefully! Each State Team is composed of an adult and no more than two teen leaders. If the adult leader is not a 4-H State faculty member, a liaison to the State office must be designated.

State: _____ Liaison to State 4-H Office: Name: _____

Phone: _____ Email: _____

I. Adult GIS/GPS Leader:

Name: _____

Check: State Staff: County Educator: Program Volunteer: Other: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email (required): _____

For each of the following, summarize your:

- a) Experience using GPS receivers, GIS software, & participation in GIS/GPS programs.

- b) Experience working with 4-H or other youth science or technology programs.

- c) Leadership role you will play to increase the use of GPS & GIS in state and national 4-H.

- d) Ability to participate in the Esri Conference in San Diego July 16 - July 22, 2015 and how you plan to use this experience to enhance your understanding and the use of GIS in state and national 4-H.

II. Youth GIS/GPS Leaders:

Youth #1 Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email (required): _____

Indicate: Age*: ____ School Grade*: ____ (*Youth must be age 14 - 17 and not yet graduated from high school at the time of the Esri conference in July 2015.)

For each of the following, summarize your:

- a) Experience using GPS receivers, GIS software, & participation in GIS/GPS programs.

- b) Experience working with 4-H or other youth science or technology programs.

- c) Leadership role you will play to increase the use of GPS & GIS in state and national 4-H.

- d) Ability to participate in the Esri Conference in San Diego **July 16 - July 22, 2015** and how you plan to use this experience to enhance your understanding and the use of GIS in state and national 4-H.

II. Youth GIS/GPS Leaders (continued):

Youth #2 Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email (required): _____

Indicate: Age*:_____ School Grade*:____ (*Youth must be age 14 - 17 and not yet graduated from high school at the time of the Esri conference in July 2015.)

For each of the following, summarize your:

- a) Experience using GPS receivers, GIS software, & participation in GIS/GPS programs.

- b) Experience working with 4-H or other youth science or technology programs.

- c) Leadership role you will play to increase the use of GPS & GIS in state and national 4-H.

- d) Ability to participate in the Esri Conference in San Diego **July 16 - July 22, 2015** and how you plan to use this experience to enhance your understanding and the use of GIS in state and national 4-H.

III. Esri Conference Team Participation and Leadership

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|---|-----|----|
| a) Has a member of your team applied to do a presentation this year at Esri?
If so, list the presenter(s) and presentation title(s): | Yes | No |
| b) Has a member of your team developed a map or mapping project that would
be of suitable high quality for entering for exhibition for the Esri Conference
Map Gallery? If so, list the presenter(s) and map concept. | Yes | No |
| c) Does a member of your team have a local or state project that demonstrates
youth implementation of GIS skills? If so, list the project concept. | Yes | No |

IV. Describe your state/territory's current 4-H GIS / GPS situation

- a) Programs, activities and collaborations [For example: list of specific GIS or GPS programs, project areas that use GIS and/or GPS, # of 4-H Members participating in GIS/GPS activities or programs, websites or brochures promoting these programs; Esri Community Atlas program or GIS Day; training in GIS GPS, GIS/GPS community service projects; grants received to advance the development of programs and skills in this area.]

- b) Name & Year of Esri/4-H Software grant(s), if any, with project update

- c) Vision and leadership for use of GIS / GPS in your state 4-H program

V. Understanding Team Role and Leadership Responsibilities:

In submitting this application, individuals listed above as Adult and Youth Leaders affirm their understanding that, if selected, they will serve on the National GIS/GPS 4-H Leadership Team. Team member responsibilities include: active participation in scheduled conference calls, the Esri Conference, development of a national GIS/GPS 4-H Action Plan, review of grant applications & state action plans, training, the design and implementation of a national GIS/GPS project, maintaining an email address, checking and responding to Team-related email at least weekly, and other roles as identified in development of the national Action Plan. Team conference calls use a toll-free number and are held late afternoon/early evening. Team members are responsible for their transportation, lodging and meals costs associated with their participation in the Esri Conference. In addition to the Esri Conference and Team calls, plan on spending 2-3 hours per month on your team responsibilities.

VI. IF SELECTED TO BE PART OF THE National 4-H GIS/GPS Leadership Team, we do hereby:

- ___ Confirm our understanding that in applying for membership, both the Youth and Adult Team members indicate our willingness and ability to take on a strong leadership role in increasing the use of GPS and GIS in local, state and national 4-H programs, and to actively participate in all Team roles, including roles and responsibilities that may develop out of our design and implementation of the 2015-16 National GIS/GPS 4-H Action Plan.
- ___ Confirm both the Youth and Adult Team members will attend and actively participate in the scheduled Team Conference Calls and Team Online Communications.
- ___ Confirm our understanding that our purpose in attending the Esri Conference is for 4-H leaders, both youth and adults, to meet and exchange ideas with teachers and GIS professionals and obtain a better understanding of how GIS can be part of the future of 4-H and our individual lives. The expected impact of attending the Esri Conference is 4-H leadership to facilitate the effective use and integration of GIS/GPS activities and technologies into a wide variety of 4-H projects and programs.
- ___ Confirm that:
 - 1) Both the Youth and Adult Team members will attend and actively participate in the Esri Education and User Conference as outlined in the Conference agenda,
 - 2) The State Adult Team member will chaperone their State Youth Team member at all times while in transit and attending this event. Youth unattended by an Adult are not permitted at the Esri Conference or in the San Diego Convention Center at any time.
 - 3) Agree to obtain Health/Accident Insurance Coverage for the Youth and Adult while traveling to and from and participating in this event.
 - 4) Understand that Team members are responsible for all costs (other than the Esri Conference registration fee) associated with participating in the trip to San Diego and the Esri Conference.
- ___ Agree to prepare a 5 minute interactive presentation and handout on the 4-H GIS/GPS 4-H program(s) in our state, and present it as part of a workshop or gathering at the Esri Conference. Understand that these materials will be placed online at the end of the Esri Conference and be available for use by any member of the National Team throughout the year at other events to demonstrate the range of 4-H GIS/GPS programs and leadership across the country.
- ___ Agree to write and submit electronically by June 30, 2016 to Jim Kahler (jkahler@nifa.usda.gov) a statement (minimum one page, maximum 3 pages) on:
 - 1) How our attendance at the Esri Conference specifically supported the continuation and expansion of the GIS/GPS 4-H Program in our state, including new ideas, curriculum and other resources gained at the Conference, and
 - 2) How our participation on the National 4-H GIS/GPS Leadership Team specifically supported the continuation and expansion of the GIS/GPS 4-H Program in your state and nationally, including new ideas, curriculum and other resources gained through participation in the Team,
- ___ Agree to develop, in concert with other 4-H members and staff in our state, and take leadership in the implementation of a State plan for the use of GIS/GPS technologies in our state 2015-16 4-H program.

(Note: Signature page follows)

SIGNATURES:

_____ State 4-H Leader	_____ Date
_____ Adult GIS Leader / Chaperone	_____ Date
_____ Youth GIS Leader #1	_____ Date
_____ Youth GIS Leader #2	_____ Date

Complete Applications are due (including signatures) by Friday, February 20, 2015.

Email this completed PDF document to both:

Jim Kahler, jkahler@nifa.usda.gov
Tim Prather, tprather@tennessee.edu

and then, sign and fax the signature page:

Jim Kahler, NIFA, USDA,
Fax: 202-720-9366.
Voice: 202-690-1568.