

PART SEVEN. ACTION PLAN TASK LIST

This is the list of tasks for Part Seven. Action Plan
Check them off as you complete them.

TASKS

- 7-1 Assembling Part 1 of Plan: Research Area Background
- 7-2 Developing Part 2 of Plan: Action Goals
- 7-3 Creating Part 3 of Plan: Communication Strategy
- 7-4 Post-Surveying Team
- 7-5 Thinking about your Future Actions

In this part, the team will focus on developing a local community action plan. This plan will outline the research that was conducted, the actions the team thinks people need to take in the community, and a communication plan to share the plan with local community members.



7-1


Assembling Part One of the Community Action Plan: Research Area Background

Welcome to *Part Seven: Action Plan*. In Parts One through Six you learned many things about mosquitoes and mosquito-borne diseases. Now, the team must finish their work. To do this, you must create an action plan for your community. In Task 1-7, you learned about the action plan focused on creating solutions to the problem question: *How can we ensure health for all from mosquito-borne diseases?*

There are many possible solutions to this question. This is why you conducted research to learn more about the problem in your community. Now you must suggest decisions and actions you think people should take in the community. The community action plan will help communicate your solutions. All of the team research was done to help you complete this action plan.

Objective

In this task, the team will assemble the first part of your community action plan. This part involves assembling and organizing all of the research you have already completed.

1. Go to the Task 7-1 folder to read the details about assembling part one of the action plan: *Research Area Background*. There is only one version of this task. 
2. Read through the details of the first part of the action plan again as a team. Ask questions about any parts that are not clear. Remember not to worry.
3. Use all of the work you have completed up to this point to assemble and organize this part of your action plan for the community.

Hooray! You completed Task 7-1. Check it off the task list. *Go to Task 7-2!*



7-2

Developing Part Two of the Community Action Plan: Action Goals

In Task 7-1, you assembled and organized all of the research you have already completed. It is one thing to do research and another to set local goals to help people take action on that research. It will be important to use the information you collected to figure what your future actions will be to help address the problem question: How can we ensure health for all from mosquito-borne diseases?

There are many possible solutions to this question. This is why we must now develop action goals for what to do next.

Objective

In this task, the team will assemble the second part of their community action plan. This part involves developing actions you think people should begin taking in the community to address the problem question.

1. Go to the Task 7-2 folder to read the details about assembling part two of the action plan: Action Goals. There is only one version of this task.
2. Read through the details of the second part of the action plan again as a team. Ask questions about any parts that are not clear. Remember not to worry.
3. Use all of the work you have completed up to this point to assemble and organize this part of your action plan for the community.

Hooray! You completed Task 7-2. Check it off the task list. *Go to Task 7-3!*



7-3


Creating Part Three of the Community Action Plan: Communication Strategy

In Tasks 7-1 and 7-2, you assembled and developed parts one and two of your plan. However, if no one outside of your research team knows about your plan, can it make an impact? No way! Next, you will need to develop a plan to creatively communicate your action plan with your community.

There are many possible ways you can communicate with your community. Be creative!

Objective

In this task, the team will assemble the third part of their community action plan. This part involves creating a communication strategy to communicate your plan to others.

1. Go to the Task 7-3 folder to read the details about assembling part three of the action plan: Communication Strategy. There  is only one version of this task.
2. Read through the details of the third part of the action plan again as a team. Ask questions about any parts that are not clear. Remember not to worry.
3. Use all of the work you have completed up to this point to assemble and organize this part of your action plan for the community.

Hooray! You completed Task 7-3. Check it off the task list. *Go to Task 7-4!*



7-4

Post-Surveying Team

Congratulations!


You have completed your action plan.

Give yourself a pat on the back.

One last thing you must do is post-survey the team.

Objective

In this task, you will take the same survey you took in Task 1-3, and compare your answers between the two surveys. The objective is to look at how your ideas about the questions may have changed or remained the same since you started working on your research.

1. Go to the Task 1-3 folder to get the survey you took in Task 1-3. Use the same version (Mosquito A or Mosquito B) of the survey the team used for the team survey in Task 1-3. 
2. Each team member should complete the survey again.
3. Compare and contrast the team's answers to the surveys between Task 1-3 and Task 7-4.
4. Identify any questions where your answers have changed. Why do you think your answers changed from Task 1-3 to Task 7-4?
5. Identify any questions where your answers have not changed. Why do you think your answers have not changed from Task 1-3 to Task 7-4?
6. How could this information be useful when thinking about the problem question: *How can we ensure health for all from mosquito-borne diseases?*

Hooray! You completed Task 7-4. Check it off the task list. *Go to Task 7-5!*



7-5 Thinking About Your Future Actions

Congratulations!

You have completed all parts of this research guide.

Give yourself a pat on the back.

But this does not mean we are finished.

Mosquitoes are still a major problem for many people in large parts of the world.

Your research has really just started.

Think about this:

- Are there any questions that are still not answered about mosquitoes?
- Is there anything else we still need to learn to help more people protect themselves from these diseases?

There is always something new to learn to help others.

This new understanding will continue to change the decisions we make.

We must think about how we can continue to make things better for the world.

Hopefully, the issue is clearer to you now.

How can you help it become clearer to other people around you?

How can you help someone in a different community learn more about this problem?

Just remember, every community is different.

The same answer is not always right for every place in the world.

But the question remains the same:

How can we ensure health for all from mosquito-borne diseases?

Be creative.

Ask questions.

Make a plan.

Explore the world around you.

Be open-minded.

And most important, think about how we can work together to make the world a better place.



Notes:





Task 7-1 Assembling Part One of the Community Action Plan: Research Area Background

The team will now begin developing your action plan. Overall, this action plan will outline how you will address and communicate the problem question: How can we ensure health for all from mosquito-borne diseases?

The Community Action Plan will have three parts. Tasks 7-1, 7-2, and 7-3 will help you complete each part of the plan.

1. Task 7-1: Research area background, evidence collected, integrated management plan developed (This part involves organizing what you have already completed during your research.)
2. Task 7-2: Action goals (This part involves figuring out what you will do now, after your research is completed.)
3. Task 7-3: Communication strategy (This part involves telling people about your research, action goals, and plan.)

This task will focus on assembling the research area background of the Community Action Plan. This involves assembling and organizing the information you have already collected about your research area. Complete the following, based on the research you have conducted.

Provide a brief overview of your location and research site. This will help other people who are looking at your plan now and in the future. This involves organizing what you did during your research. Include the following.

1. **Research location physical description:** Provide a brief description of your physical location. Include your position within your community, country, and the world.
2. **Team and local culture description:** Provide a brief description of your team and any local culture your team identified during your research. Include your team's identity map from Task 1-5 as part of this description.
3. **Map of research site:** Provide a map of your research site and any important information you collected concerning the site that would be useful to understanding your plan. If possible, include pictures of your research site.
4. **Evidence and claims:** Organize and share all of the evidence you collected during your research and any claims you developed.
5. **Local integrated management plan:** An integrated management plan outlines all of the different management strategies you think your location should consider to address the problem question: How can we ensure health for all from mosquitoes? Tasks 6-2 and 6-3 will help you outline an integrated management plan for your community.

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Task 7-2 Developing Part Two of the Community Action Plan: Action Goals

The team will continue developing your action plan. Overall, this action plan will outline how you will address and communicate the problem question: How can we ensure health for all from mosquito-borne diseases?

The Community Action Plan will have three parts. Tasks 7-1, 7-2, and 7-3 will help you complete each part of the plan.

1. Task 7-1: Research area background, evidence collected, integrated management plan developed (This part involves organizing what you have already completed during your research.)
2. Task 7-2: Action goals (This part involves figuring out what you will do now, after your research is completed.)
3. Task 7-3: Communication strategy (This part involves telling people about your research, action goals, and plan.)

This task will focus on assembling the action goals of the Community Action Plan. This involves developing the actions you think people should begin taking to address the problem question in your community. Complete the following, based on the research you have conducted.

It is one thing to have an integrated management plan and another to set local goals to help people act on that plan. For example, part of your plan could be to empty the water from all containers in an area. Another part of the plan could be to educate various people in your community about the problem. Setting local action goals will help you determine what actions need to be taken now and in the future, who is responsible for taking them, and how the actions will be monitored to determine their effectiveness over time.

1. Develop a list of action goals that could be carried out by various people in your community to work toward different parts of your integrated management plan. Consider the following when creating your action goals: What type of action is needed and what is the action meant to address? Provide a description of the action. Some examples include:
 - a. Education action goals: Create and hand out brochures to educate the community about mosquitoes. This action will increase local knowledge and actions of community members concerning mosquitoes and mosquito management.
 - b. Advocacy action goals: Create posters to advocate for a group of people at risk from mosquitoes. Write letters to local officials and community leaders concerning mosquitoes and the effect on different people and groups in your community.
 - c. Physical action goals: Conduct weekly monitoring of your research site for standing water where mosquitoes could breed. This action will reduce the



number of possible breeding sites mosquitoes can use in the community.
Document and remove any standing water found in the site every week throughout year.

- d. Be creative and develop your own goals for your community!
2. Who is responsible for the action: yourself, team member, team, specific community member(s), all community members?
3. Action schedule or timeline: When and how often does the action need to take place?
4. Action monitoring: How will the action goals be documented or monitored over time to determine their effectiveness? How will you determine whether the action is working effectively? Create a strategy to monitor these goals over time.
5. Order the actions: If you have a list of action goals, which ones would you recommend be done first, second, and third? Create an order for all of your actions, so the team knows where to start.

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**Task 7-3 Creating Part Three of the Community Action Plan: A Communication Strategy**

The team will continue developing your action plan. Overall, this action plan will outline how you will address and communicate the problem question: How can we ensure health for all from mosquito-borne diseases?

The Community Action Plan will have three parts. Tasks 7-1, 7-2, and 7-3 will help you complete each part of the plan.

1. Task 7-1: Research area background, evidence collected, integrated management plan developed (This part involves organizing what you have already completed during your research.)
2. Task 7-2: Action goals (This part involves figuring out what you will do now, after your research is completed.)
3. Task 7-3: Communication strategy (This part involves telling people about your research, action goals, and plan.)

This task will focus on creating a communication strategy for the Community Action Plan. This part involves communicating any and all parts of your plan with your community. Complete the following, based on the research you have conducted.

If no one outside of your research team knows about your plan, can it make an impact? Of course not! So you will need to develop a plan to creatively communicate parts of your action plan to your community. Make sure you include Social, Ethical, Economic, and Environmental perspectives on the problem. How will you educate others about your evidence, claims, decisions, and action goals?

Be creative. This plan can include:

- Making posters or art projects to communicate parts of your plan.
- Writing a song or a one-act play to communicate parts of your plan.
- Writing and recording a public service announcement (audio or video) to communicate parts of your plan.
- Creating a social media campaign to communicate parts of your plan.
- Come up with your own ideas!





After you have developed your communication strategy, you will need to share with and present this information to local community members. This group can include parents, educators, administrators, residents, and other team members.

Each group should include the following when communicating with community members.

- Present Social, Ethical, Environmental, and Economic considerations for the community.
- Support all claims with evidence (data and statistics, expert opinion, personal and secondhand experience) within the plan.
- Support all suggested actions using claims and evidence.
- Clearly explain, demonstrate, and illustrate parts of your integrated management plan.
- Clearly explain, demonstrate, and show all aspects of your action goals.
- Clearly outline how the plan would be monitored for effectiveness over time. Discuss how the plan can be adjusted if it is not working or needs to be improved.

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Zika Awareness and Prevention (ZAP) Game

The Zika Awareness and Prevention (ZAP) Game was developed to strengthen students and communities in their ability to stop Zika virus disease. Zika virus is a mosquito-borne virus, spread primarily by the bite of an infected *Aedes* species mosquito. Through simulation, this game educates students about Zika virus, common mosquito breeding sites, Zika virus disease symptoms, and pregnancy risks associated with Zika. Practices that help to prevent mosquito bites are also covered such as using an EPA registered insect repellent with DEET, the importance of wearing long sleeved shirts and long pants when outdoors, and treating clothing with permethrin. Multiple choice and matching games are provided to gauge how much you learned about Zika.

Use the following link to access the game, and have fun!

<http://zika.vmasc.odu.edu/zap/>

Computer WebGL Compatibility: Chrome 64 bit Version 57 and newer, Microsoft Edge version 16 or newer, Safari version 11 or newer, and Firefox version 52 or newer.

Firefox users check your [privacy settings](#).

For more information about the ZAP Game or for any other concerns please email us at Zapzika@odu.edu or contact:

Bridget Giles PhD

Virginia Modeling Analysis and Simulation Center

Old Dominion University

1030 University Blvd.

Suffolk, VA 23435

Email: bgiles@odu.edu

Phone: 757-638-4436





Team News Articles for Task 7-3

Zika ZAP Game News Article

https://www.odu.edu/news/2017/6/zika_game#.WzE7aadKiUk

Rusty Low News Article -USAID

<https://medium.com/usaid-2030/arming-citizen-scientists-with-an-app-to-identify-zika-carriers-f8af4ff7391d>

Kelly Bennett STRI News Article

<https://newsdesk.si.edu/releases/smithsonian-scientists-track-aedes-mosquito-invasions>

Lee Cohnstaedt USDA News Article 1

<http://www.fox5dc.com/news/local-news/md-students-taking-part-in-research-project-to-help-track-mosquitos-that-may-carry-zika>

David Pecor WRBU News Article

<https://insider.si.edu/2016/06/smithsonians-mosquito-collection-weapon-battle-zika/>

Lee Cohnstaedt News Article 2

<https://www.denverpost.com/2016/05/16/usda-wants-citizen-scientists-to-help-fight-zika/>

Invasive Mosquito Project Link

<http://www.citizenscience.us/imp/>

