



# Sun Grants and the DOE NEPA Process

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# NEPA Overview

- NEPA requires the federal government to evaluate and understand the potential impacts to the environment BEFORE committing resources to a proposed action.
- The NEPA process considers and documents potential impacts that the agency's proposed action will have on the social, economic and physical environment
- Fundamental elements of NEPA include interagency cooperation and public participation




# DOE NEPA Regulations

**DOE Regulations and  
Procedures**

**vs.**

**other Federal Agencies  
Regulations and Procedures  
(e.g. USDA)**



# DOE NEPA - First Steps

- Each grant recipient will need to fill out an EF1 Environmental Checklist and supporting documentation.
- <https://www.eere-pmc.energy.gov/NEPA.asp>
  - Recipient Resources
    - NEPA Compliance Information

### Begin Your NEPA Compliance EF1 Environmental Worksheet Submission:

Please complete All the following fields:

All fields on this page are required

Your User ID and password will be used for future logins to the system. Please keep them in a safe place for future reference. You will be able to view, edit and update all submissions by using them. If you are submitting EF1's for multiple projects, use the same password and email in order to access all you submissions

**You User ID:** your\_user\_id **Your Password:** password

|                               |  |                                 |
|-------------------------------|--|---------------------------------|
| <b>Project Title</b>          | <b>DOE Project Officer</b>                 | <b>State</b>                    |
| <input type="text"/>          | <input type="text" value="Please Select"/> | <input type="text" value="ST"/> |
| <b>Organization Name</b>      | <b>Subcontract Number</b>                  | <b>DOE Solicitation Number</b>  |
| <input type="text"/>          | <input type="text"/>                       | <input type="text"/>            |
| <b>Your Name</b>              | <b>Phone</b> xxx-xxx-xxxx                  | <b>Email</b>                    |
| <input type="text"/>          | <input type="text"/>                       | <input type="text"/>            |
| <b>Project Contact's Name</b> | <b>Phone</b> xxx-xxx-xxxx                  | <b>Email</b>                    |
| <input type="text"/>          | <input type="text"/>                       | <input type="text"/>            |

Please Complete if the information is known

### Statement of Work-Objectives File Upload Section:

All submissions require you to ceate and upload a "Statement of Work-Objectives" document describing your project (You will have the opportunity to upload additional files later in this process.

Update Part 1 Information

Click this button to submit the changes you have made for Part I.  
Then continue down the page to add additional applicable descriptions

**PART II: Environmental Considerations**

**Section A** Choose all conditions or special areas described below that are present, required, or could be affected by your project and add them to your EF1 Worksheet:

[Add a new selection for Part II A](#)

| Item | Description   | Item | Description  |
|------|---|------|--|
| 1    | Clearing or Excavation<br>(indicate if greater than 1 acre)               | 13   | Threatened/Endangered<br>Species and/or Critical Habitat       |
| 2    | Dredge and/or Fill.<br>Specify the number of acres involved.              | 14   | Other Protected Species<br>(Wild Burros, Migratory Birds)      |
| 3    | New or Modified Federal/State Permits<br>And/or Requests for Exemptions   | 15   | Flood plains   |
| 4    | Pre-Existing Contamination  | 16   | Special Sources of Groundwater<br>(e.g., Sole Source Aquifer)  |
| 5    | Asbestos  | 17   | Underground Extraction/Injection<br>(non-hazardous substances) |
| 6    | Criteria Pollutants   | 18   | Wetlands   |
| 7    | Non-Attainment Areas  | 19   | Coastal Zones  |
| 8    | Class I Air Quality Control Region  | 20   | Public Issues or Concerns                                      |
| 9    | Navigable Air Space   | 21   | Noise  |
| 10   | Areas with Special Designation<br>(e.g., National Forests, Parks, Trails) | 22   | Depletion of a Non-Renewable Resource                          |
| 11   | Prime, Unique or Important Farmland                                       | 23   | Aesthetics   |
| 12   | Archeological/Cultural Resources  |      |  |

**Section B.** Please choose all of the choices from the table below that your project use, disturb, or produce any chemicals or biological substances? (i.e., pesticides, industrial process, fuels, lubricants, bacteria)

[Add a new selection to section II B](#)

| Item | Description | Item | Description |
|------|-------------|------|-------------|
|------|-------------|------|-------------|

|    |  |    |   |
|----|--|----|---|
| 10 | <a href="#">Areas with Special Designation (e.g., National Forests, Parks, Trails)</a> | 22 | <a href="#">Depletion of a Non-Renewable Resource</a> |
| 11 | <a href="#">Prime, Unique or Important Farmland</a>                                    | 23 | <a href="#">Aesthetics</a>                            |
| 12 | <a href="#">Archeological/Cultural Resources</a>                                       |    |   |

**Section B.** Please choose all of the choices from the table below that your project use, disturb, or produce any chemicals or biological substances? (i.e., pesticides, industrial process, fuels, lubricants, bacteria)

[Add a new selection to section II B](#)

| Item | Description  | Item | Description   |
|------|--|------|---|
| 1    | <a href="#">Polychlorinated Biphenyls (PCBs)</a>                       | 6    | <a href="#">Liquid Effluent</a>   |
| 2    | <a href="#">Import, Manufacture, or Processing of Toxic Substances</a> | 7    | <a href="#">Underground Extraction/Injection (hazardous substances)</a>                       |
| 3    | <a href="#">Chemical Storage, Use, and Disposal</a>                    | 8    | <a href="#">Hazardous Waste</a>   |
| 4    | <a href="#">Pesticide Use</a>  | 9    | <a href="#">Underground Storage Tanks</a>   |
| 5    | <a href="#">Hazardous, Toxic, or Criteria Pollutant Air Emissions</a>  | 10   | <a href="#">Biological Materials. Indicate if genetically altered materials are involved.</a> |

**Section C.** Please select any of the choices below for which your project would require or produce any radiological materials?

[Add a new selection to section II C](#)

| Item | Description                             | Item | Description                         |
|------|---|------|-------------------------------------|
| 1    | <a href="#">Radioactive Mixed Waste</a> | 3    | <a href="#">Radiation Exposures</a> |
| 2    | <a href="#">Radioactive Waste</a>       |      |                                     |

If you are finished, with Parts I & 2, click to continue to the Forms area



# Working Groups

- **Expectations for Herbaceous Energy Crop Teams**
  - Site Location and Description (address, township; e.g. prime farmland vs. marginal farmland)
  - Crop Description (varietal, GMO?)
  - Chemical applications (pesticides, herbicides)
  - Permits (local, State, Federal organizations)
  
- **Expectations for Corn Stover and Cereal Stover Teams**
  - Site Location and Description (address, township; e.g. prime farmland vs. marginal farmland)
  - % Removal
  - Chemical applications (pesticides, herbicides)
  - Permits (local, State, Federal organizations)





# Working Groups

- **Expectations for the Woody Team**
  - Site Location and Description (address, township; e.g. plantation pine vs. poplar)
  - Detailed work description (slash removal, tree cutting ??)
  - Permits and Existing Management Plans, if applicable (local, State and Federal organizations)
- **Expectations for GIS Team**
  - Project Description and Activities



# DOE Contact Information

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## Golden Field Office Project Management

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## Golden Field Office NEPA

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DOE Recipient Resources (Project Management and  
NEPA) Web Site:

<https://www.eere-pmc.energy.gov/Resources.aspx>



**QUESTIONS??**