The following general terms and conditions are applicable to ARS, ERS, and NASS agreements as identified below, unless otherwise indicated in the individual agreement, and in addition to other terms identified in the Federal award.

#### Non-Assistance Cooperative Agreement – 7 CFR 550 and:

- # Foreign Translation Certification Required. Any translation of this agreement must be reviewed and certified for equivalence by a USDA approved translator before signature is permissible. Certification must confirm that the translation is an accurate, valid translation of the English source text and that there are no omissions. [This clause is only added for foreign agreements.]
- # This Agreement does not replace the need for technology transfer, data transfer, confidentiality, and/or real property documents that may be required by the Agency and/or Cooperator as per regulatory requirements.
- # This Agreement does not authorize materials to be transferred. In the event that materials are required to be transferred, a Material Transfer Agreement must be fully executed prior to any materials being transferred between the partes.
- # Trafficking in persons. 2 CFR 175, the Award Term for Trafficking in Persons, is applicable. 2 CFR 175.15 is incorporated, in its entirety.
- # Scientific Integrity. The USDA Department-wide scientific integrity policy is located in Departmental Regulation (DR) 1074-001. All contractors, cooperators, partners, permittees, lessees, grantees, and volunteers, who engage or assist in the activities identified in Section 3a(2)(a) through (c) on behalf of USDA, are expected to uphold the established principles of scientific integrity described in the DR. Any express requirements will be set forth in the agreement statement of work, as applicable. Research institutions that receive allegations of research misconduct involving USDA-funded extramural research should refer to Title 2 of the Code of Federal Regulations (CFR) Part 422 (Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #11).
- # Public Access. All investigators funded by ARS/ERS/NASS awards must publish their major findings, make data resulting from research, education, and/or extension projects publicly available according to and comply with USDA's Public access to Scholarly Publications and Digital Scientific Research Data (Departmental Regulation 1020-006).
  - a. The Research Performance Progress Report (RPPR), mandatory reporting category, Accomplishments, "how have the results been disseminated to communities of interest" must include information addressing the sharing of publications, including published data.
  - b. Final peer-reviewed, accepted manuscripts must be made freely accessible to the public through the USDA public access repository PubAg <a href="https://submit.nal.usda.gov/">https://submit.nal.usda.gov/</a> within 12 months of the date on which the publisher makes the article available online.
  - c. Published datasets must also be made freely accessible to the public through the USDA public access data catalog -- Ag Data Commons within 12 months of the publication date of the associated scholarly publication. (https://agdatacommons.nal.usda.gov/)
  - d. All scholarly publications and datasets must receive digital persistent identifiers (such as DOI's), and all authors of ARS/ERS/NASS -funded scholarly publications and public datasets must use or link them to individual digital persistent identifiers (such as ORCID iD's).

- # Geospatial Data. All data collected will meet the requirements of the Geospatial Data Act of 2018 (U.S. Code, Title 43 Public Lands, Chapter 46: GEOSPATIAL DATA) where applicable. This will always include the use of all relevant metadata standards, use of standard data formats, and a description of quantitative measures of uncertainty and sources of uncertainty associated with the data. Additionally, the data must meet any additional requirements specified within the specified agreement statement of work to ensure the data are useful to support USDA's mission. Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #47. Application of the Geospatial Data Act of 2018 toward the dissemination of research related results will be in accordance with DR 1020-006.
- # This agreement is subject to Executive Order (EO) 14026, "Increasing Minimum Wage for Federal Contractors," and all subsequent annual rate increases issued by the Secretary of Labor. It is also subject to EO 13706, "Establishing Paid Sick Leave for Federal Contractors." The parties assure compliance with the following regulations, which apply to any subawards, unless an exception applies:
  - a. Title 29, Subtitle A, Part 23 (a-m), which can be found at: https://www.ecfr.gov/current/title-29/subtitle-A/part-23/appendix-Appendix%20A%20to%20Part%2023
  - b. Title 29, Subtitle A, Part 13, which can be found at: https://www.ecfr.gov/current/title-29/subtitle-A/part-13

#### Non-Funded Cooperative Agreement – 7 CFR 550 and:

- # This agreement defines the parties' planned cooperative research of mutual interest and does not obligate or transfer any federal funds. Each party will handle and expend its own funds. Any and all expenditures from Federal funds made by the Agency in conformity with the plans outlined in this agreement must be in accordance with Department and Agency regulations and policies, and in each instance, based upon appropriate fiscal documents, such as a lease, contract, etc.
  - The responsibilities assumed by the cooperative parties are contingent upon the availability of funds from which the expenditures may be legally made.
- # Foreign Translation Certification Required. Any translation of this agreement must be reviewed and certified for equivalence by a USDA approved translator before signature is permissible. Certification must confirm that the translation is accurate, valid translation of the English source text and that there are no omissions. [This clause is only added for foreign agreements.]
- # This Agreement does not replace the need for technology transfer, data transfer, confidentiality, and/or real property documents that may be required by the Agency and/or Cooperator as per regulatory requirements.
- # This Agreement does not authorize materials to be transferred. In the event that materials are required to be transferred, a Material Transfer Agreement must be fully executed prior to any materials being transferred between the parties.
- # Scientific Integrity. The USDA Department-wide scientific integrity policy is located in Departmental Regulation (DR) 1074-001. All contractors, cooperators, partners, permittees, lessees, grantees, and volunteers, who engage or assist in the activities identified in Section 3a(2)(a) through (c) on behalf of USDA, are expected to uphold the established principles of scientific integrity described in the DR. Any express requirements will be set forth in the agreement statement of work, as applicable. Research institutions that receive allegations of

research misconduct involving USDA-funded extramural research should refer to Title 2 of the Code of Federal Regulations (CFR) Part 422 (Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #11).

# Geospatial Data. All data collected will meet the requirements of the Geospatial Data Act of 2018 (U.S. Code, Title 43 – Public Lands, Chapter 46: GEOSPATIAL DATA) where applicable. This will always include the use of all relevant metadata standards, use of standard data formats, and a description of quantitative measures of uncertainty and sources of uncertainty associated with the data. Additionally, the data must meet any additional requirements specified within the specified agreement statement of work to ensure the data are useful to support USDA's mission. Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #47. Application of the Geospatial Data Act of 2018 toward the dissemination of research related results will be in accordance with DR 1020-006.

#### ARS Research Support Agreement – REE-452R and:

- # Non-Federal entity employees, while engaged in work at a REE facility, will abide by the Agency's standard operating procedures with regard to the maintenance of laboratory notebooks, dissemination of information, equipment operation standards, facility access, hours of work, Federal agency required training, and the Rules and Regulations Governing Conduct on Federal Property (41 CFR Part 102-74, Subpart C). Non-Federal employees will also undergo any background investigations/clearances and submit to any health monitoring medical surveillance requirements associated with the REE facility where they will work.
- # Foreign Translation Certification Required. Any translation of this agreement must be reviewed and certified for equivalence by a USDA approved translator before signature is permissible. Certification must confirm that the translation is accurate, valid translation of the English source text and that there are no omissions. [This clause is only added for foreign agreements.]
- # This Agreement does not replace the need for technology transfer, data transfer, confidentiality, and/or real property documents that may be required by the Agency and/or Cooperator as per regulatory requirements.
- # This Agreement does not authorize materials to be transferred. In the event that materials are required to be transferred, a Material Transfer Agreement must be fully executed prior to any materials being transferred between the parties.
- # This agreement is subject to Executive Order (EO) 14026, "Increasing Minimum Wage for Federal Contractors," and all subsequent annual rate increases issued by the Secretary of Labor. It is also subject to EO 13706, "Establishing Paid Sick Leave for Federal Contractors." The parties assure compliance with the following regulations, which apply to any subawards, unless an exception applies:
  - a. Title 29, Subtitle A, Part 23 (a-m), which can be found at: https://www.ecfr.gov/current/title-29/subtitle-A/part-23/appendix-Appendix%20A%20to%20Part%2023
  - b. Title 29, Subtitle A, Part 13, which can be found at: <a href="https://www.ecfr.gov/current/title-29/subtitle-A/part-13">https://www.ecfr.gov/current/title-29/subtitle-A/part-13</a>.
- # Trafficking in persons. 2 CFR 175, the Award Term for Trafficking in Persons, is applicable. 2 CFR 175.15 is incorporated, in its entirety.
- # Scientific Integrity. The USDA Department-wide scientific integrity policy is located in Departmental Regulation (DR) 1074-001. All contractors, cooperators, partners, permittees,

lessees, grantees, and volunteers, who engage or assist in the activities identified in Section 3a(2)(a) through (c) on behalf of USDA, are expected to uphold the established principles of scientific integrity described in the DR. Any express requirements will be set forth in the agreement statement of work, as applicable. Research institutions that receive allegations of research misconduct involving USDA-funded extramural research should refer to Title 2 of the Code of Federal Regulations (CFR) Part 422 (Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #11).

- # Geospatial Data. All data collected will meet the requirements of the Geospatial Data Act of 2018 (U.S. Code, Title 43 Public Lands, Chapter 46: GEOSPATIAL DATA) where applicable. This will always include the use of all relevant metadata standards, use ofstandard data formats, and a description of quantitative measures of uncertainty and sources of uncertainty associated with the data. Additionally, the data must meet any additional requirements specified within the specified agreement statement of work to ensure the data are useful to support USDA's mission. Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #47. Application of the Geospatial Data Act of 2018 toward the dissemination of research related results will be in accordance with DR 1020-006.
- # Public Access. All investigators funded by ARS/ERS/NASS awards must publish their major findings, make data resulting from research, education, and/or extension projects publicly available according to and comply with USDA's Public access to Scholarly Publications and Digital Scientific Research Data (Departmental Regulation 1020-006).
  - a. The Research Performance Progress Report (RPPR), mandatory reporting category, Accomplishments, "how have the results been disseminated to communities of interest" must include information addressing the sharing of publications, including published data.
  - b. Final peer-reviewed, accepted manuscripts must be made freely accessible to the public through the USDA public access repository PubAg <a href="https://submit.nal.usda.gov/">https://submit.nal.usda.gov/</a> within 12 months of the date on which the publisher makes the article available online.
  - c. Published datasets must also be made freely accessible to the public through the USDA public access data catalog Ag Data Commons within 12 months of the publication date of the associated scholarly publication. (https://agdatacommons.nal.usda.gov/)
  - d. All scholarly publications and datasets must receive digital persistent identifiers (such as DOI's), and all authors of ARS/ERS/NASS -funded scholarly publications and public datasets must use or link them to individual digital persistent identifiers (such as ORCID iD's).

#### ARS Standard Cooperative Agreement -

- # This Agreement does not replace the need for technology transfer, data transfer, confidentiality, and/or real property documents that may be required by the Agency and/or Cooperator as per regulatory requirements.
- # This Agreement does not authorize materials to be transferred. In the event that materials are required to be transferred, a Material Transfer Agreement must be fully executed prior to any materials being transferred between the parties.
- # The Federal Tort Claims Act (FTCA) (28 USC 1346(b) and 28 USC 2671-2680) procedures are available for use by the Cooperator. The FTCA allows the Cooperator to recover financial or other losses suffered by the Cooperator as a result of this Cooperative Agreement, when the

loss is over and above the Cooperator's insurance liability coverage and it can be demonstrated that the loss resulted from a negligent act by a Federal employee acting within the scope of his/her employment. The Cooperator shall notify the ARS Principal Investigator (PI) within 30 days of any damage.

- # All rights, title, and interests in an invention made under this Cooperative Agreement solely by an employee of ARS shall be owned by ARS. Any invention made jointly under this Cooperative Agreement by at least one employee of ARS and at least one employee of the Cooperator shall be jointly owned. Any invention made under this Cooperative Agreement solely by an individual employed by the Cooperator shall be owned by the Cooperator. However, ARS shall be entitled to use the results of the research conducted under this Cooperative Agreement in furtherance of U.S. Government research programs.
- # The responsibilities assumed by the Agency are contingent upon funds being available from which the expenditures may be met.
- # This agreement may be terminated in writing by either Party, upon 90 calendar days' notice to the other Party.
- # Scientific Integrity. The USDA Department-wide scientific integrity policy is located in Departmental Regulation (DR) 1074-001. All contractors, cooperators, partners, permittees, lessees, grantees, and volunteers, who engage or assist in the activities identified in Section 3a(2)(a) through (c) on behalf of USDA, are expected to uphold the established principles of scientific integrity described in the DR. Any express requirements will be set forth in the agreement statement of work, as applicable. Research institutions that receive allegations of research misconduct involving USDA-funded extramural research should refer to Title 2 of the Code of Federal Regulations (CFR) Part 422 (Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #11).
- # Geospatial Data. All data collected will meet the requirements of the Geospatial Data Act of 2018 (U.S. Code, Title 43 Public Lands, Chapter 46: GEOSPATIAL DATA) where applicable. This will always include the use of all relevant metadata standards, use of standard data formats, and a description of quantitative measures of uncertainty and sources of uncertainty associated with the data. Additionally, the data must meet any additional requirements specified within the specified agreement statement of work to ensure the data are useful to support USDA's mission. Refer to REE-26 Organization Information, Representations, Assurances & Certifications, C. Assurances, #47. Application of the Geospatial Data Act of 2018 toward the dissemination of research related results will be in accordance with DR 1020-006.