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## 45 C.F.R. § 640.3

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### Actions requiring an environmental assessment and categorical exclusions.

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- (a) The types of actions to be classified as “major Federal actions” subject to NEPA procedures are discussed generally in the CEQ regulations. Paragraph (b) of this section describes various classes of NSF actions that normally require the preparation of an environmental assessment or an EIS, and those classes that are categorically excluded. (Categorical exclusion is defined at 40 CFR 1508.4.) The word “normally” is stressed; there may be individual cases in which specific factors require contrary action. NSF directorates and offices are responsible for identifying situations in which an environmental assessment or an EIS should be prepared even if not normally required by paragraph (b) of this paragraph.
- (b) Most NSF awards support individual scientific research projects and are not “major Federal actions significantly affecting the quality of the human environment” except in the sense that the long term effect of the accumulation of human knowledge is likely to affect the quality of the human environment. However, such long term effects are basically speculative and unknowable in advance; thus they normally do not provide a sufficient basis for classifying research as subject to NEPA (See 40 CFR 1508.8) and are categorically excluded from an environmental assessment. Nevertheless, in some cases the actual procedures used in carrying out the research may have potential environmental effects, particularly where the project requires construction of facilities or major disturbance of the local environment brought about by blasting, drilling, excavating, or other means. Accordingly, except as provided in paragraph (c) of this section, the following types of activities require at least an environmental assessment:

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