

中央研究院永續科學研究計畫作業要點

中華民國 110 年 2 月 24 日學術字第 11005013185 號函核定

- 一、中央研究院（以下簡稱本院）為因應全球永續發展趨勢，並配合國家永續發展政策擬訂，而設立任務導向永續科學研究計畫，本計畫強調跨領域實踐研究（transdisciplinary approach），結合自然、生命與人文社會科學及利害關係人（stakeholders）共同參與研究，再透過知識到行動（knowledge to action）的步驟來尋求最佳解決永續問題的解方。永續科學計畫應有明確的永續問題導向，研究內涵也應以可實質應用於全球永續發展及我國永續政策推動為核心。為能達成上述目的，特訂定本作業要點。
- 二、本計畫申請資格如下：
 - （一）計畫總主持人需為本院專任助研究員（含）以上之專任人員；本院合聘之研究人員，得擔任計畫總主持人，但須有本院專任研究人員擔任共同總主持人。
 - （二）分支計畫主持人其現職需相當於助研究員（含）以上人員。
 - （三）為促進本院與國內外各大學校院及研究機構之永續科學交流合作研究，院外學術、研究機構專任人員得受邀擔任分支計畫主持人（或共同主持人）。然各研究計畫之分支計畫主持人須至少三分之一為本院研究人員。
- 三、本計畫依計畫期程與階段分為下列兩種：
 - （一）一般性研究計畫：計畫以三年為期，依照每年選定主題徵求推動之研究計畫。
 - （二）院方主動規劃（Top-down）之研究計畫：計畫以為期一年為原則，適用於亟待推動、具發展潛力之特殊性永續議題。依院方政策需求不定期推動。
- 四、本計畫依計畫規模分為下列兩類：
 - （一）整合型研究計畫：包含總計畫及分支計畫（分支計畫數二至五件），由計畫總主持人組成研究群，領導各分支計畫協同合作，達成計畫之整體目標。
 - （二）單一整合型研究計畫：由主持人與共同主持人合作進行之單一計畫，計畫主持人負責全部經費運用與計畫推動。
- 五、本計畫之申請應檢附下列文件由申請人所屬單位函送本院彙辦：
 - （一）研究計畫書。
 - （二）個人履歷資料及近年主要著作目錄。

(三) 依年度徵求規定提交其他附件。

六、本計畫之審查包括初、複審及預算決審三階段。

依據年度徵求之主題內容，院方委請永續科學中心諮詢委員及相關專家學者共同組成年度審查委員會，經委員會逐案推薦複審委員，再徵詢複審委員後送請國內、外相關專家學者書面初審，複審委員彙集初審意見後得視需要送申請人回覆，之後予以計畫書面綜評，年度審查委員會再行召開專業複審會議，完成各主題申請案推薦建議，本院學術諮詢總會再依審查建議於永續科學研究計畫決審會議中議決各申請案。

七、核定之計畫執行前需繳交計畫執行同意書，相關執行及管考規定應依該同意書內容辦理。

計畫執行期間，每年應提交執行進度報告由永續科學中心及學術諮詢總會進行評審，第一年執行進度報告評審結果將作為第三年經費核給之依據。

計畫執行期間須配合參與永續科學中心定期舉辦之研究報告研討會；執行期滿由永續科學中心協助辦理成果發表會，另亦需提送含具體成果（deliverables）之執行成果報告書。成果發表及報告之評閱結果，將作為日後申請院方計畫審查之參考。

八、計畫主持人如涉有違反學術倫理或利益衝突規範之情事者，依「中央研究院各級倫理委員會設置及作業要點」處理。

九、本要點經院務會議通過，院長核定後實施，修正時亦同。

Guidelines for Academia Sinica Sustainability Science Research Program

Approved on February 24, 2021

1. The Academia Sinica Sustainability Science Research Program (SSRP) has been established to adjust to global trends and support national policy on sustainable development by encouraging mission-oriented transdisciplinary research that combines the natural sciences, life sciences, humanities and social sciences and engages stakeholders. By progressing from knowledge to action, SSRP seeks optimal solutions for sustainability problems. With clearly defined milestones, SSRP research is designed to focus on applicability and engage with the international community. These Guidelines have been established to promote this end.
2. Applicants for SSRP projects must meet the following qualifications:
 - (1) Main Project Directors must be full-time AS Assistant Research Fellows (equivalent or above). AS jointly-appointed research staff may serve as Main Project Directors, but only if a full-time AS research staff member is Co-Director for the Main Project.
 - (2) Subproject Directors should be Assistant Research Fellows (equivalent or above).
 - (3) In order to promote sustainable science exchange and collaboration between AS and domestic/foreign universities, colleges and research institutions, full-time employees of academic or research institutions outside the AS may be invited to serve as Subproject Directors (or Co-Directors). At least one third of Subproject Directors within a project must be AS research staff.
3. SSRP projects may be classified into the following categories according to project period and stage:
 - (1) General Research Projects: Project period is three years, open to application based on topics selected for that year.
 - (2) Top-down Research Projects: In principle, project period is one year. Such projects are for special sustainable topics with development potential and promoted in accordance with AS policies.
4. SSRP projects may be classified into the following categories according to project scale:
 - (1) Integrated Research Projects (ITRP): An ITRP includes one main project and several subprojects. The Main Project Director shall be responsible for assembling a research team, and overseeing sub-projects in cooperative research to achieve overall project objectives.

- (2) Collaborative Research Projects (CRP): A CRP is proposed and carried out by one Project Director and one or multiple Co-Directors. The Project Director shall oversee funding allocations and project progress.
5. To apply for a SSRP project, the applicant's host unit should submit the following documents to AS:
 - (1) Research Proposal
 - (2) Applicant's curriculum vitae and list of recent publications
 - (3) Other required documents according to the requirements for that year
6. SSRP proposals are reviewed in three stages: first round review, panel review, and final budget review.
 - (1) First Round Review:
 - i. Based on the selected topics for that year, AS will appoint Center for Sustainable Science (CSS) advisory committee members as well as other experts and scholars to form the Annual Review Committee.
 - ii. Annual Review Committee members will recommend panel reviewers for each proposal.
 - iii. After consultations with the referees, proposals will be submitted to relevant domestic and foreign experts and scholars for written peer review.
 - iv. The panel reviewers will summarize the written peer review results and if necessary send them to the applicants for rebuttal.
 - (2) Panel Review:
 - i. The panel reviewers will conduct a final written peer review.
 - ii. The Annual Review Committee will convene an Expert Panel Review Meeting in order to recommend proposals for each topic.
 - (3) Final Budget Review: The Central Academic Advisory Committee (CAAC) will approve proposals for each topic during the SSRP Project Resolution Meeting according to written peer review results and referee review recommendations.
7. A Project Execution Agreement should be submitted prior to commencing a project. Project execution and evaluation should be processed in accordance with the Agreement. During the project, annual progress report should be submitted for review by the SSC and the CAAC, with review results of the first year report serving as a reference for third year funding.

Research groups are required to attend SSC seminars on a regular basis, and upon project completion present research results at a seminar while also submitting a final report describing all deliverables. The final report will be reviewed, with review results serving as a reference for future AS program applications.

8. Should a Principal Investigator (PI) be involved in academic ethics violations or conflict of interest regulations, his or her case will be processed according to the “Guidelines for the Establishment and Operation of Ethics Committees at All Levels, Academia Sinica.”
9. These Guidelines and amendments thereof have been approved by the General Assembly, and approved and promulgated by the Academia Sinica President.