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| 研究方向  | 湖泊沉积与环境                         | 职 称 | 教授 |   |
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| <p>沈才明，教授，博士，博士研究生导师。</p> <p>1963 年出生于江苏省苏州市。1984、1987 和 2003 年分别毕业于南京大学地质系、同济大学海洋地质系及美国路易斯安那州立大学（Louisiana State University）人类学与地理学系，获得学士、硕士和博士学位。先后在中国科学院南海海洋研究所、中国科学院南京地质古生物研究所、美国路易斯安那州立大学和纽约州立大学阿尔巴尼分校（State University of New York at Albany）工作。2013 年作为海外高端人才引入云南师范大学。目前主持的课题包括高端人才引进项目、国家自然科学基金面上项目和云南省重点项目等。</p> <p>研究领域为古生态学与古气候学，主要涉及的研究方向有：</p> <ol style="list-style-type: none"> <li>1) 孢粉学研究：通过海洋、湖泊、沼泽沉积物 and 现代表土的孢粉分析，揭示地质历史时期的古植被与古气候，强调古植被和古气候的定量重建和异常气候事件的研究。研究区域涉及中国青藏高原、云贵高原、长江中下游地区、东北、华南、南海及美国墨西哥湾和大西洋沿岸地区等。</li> <li>2) 炭屑分析与森林火灾研究：通过湖泊和沼泽沉积物的现代和化石炭屑分析，重建地方性和地区性森林火灾史，探讨影响森林火灾形成机理和影响因素。</li> <li>3) 历史气候学研究：通过分析历史文献记录的气候资料和地质记录的气候代用指标，探讨历史时期中国气候变化的规律及其成因，强调异常气候事件如台风活动和旱涝灾害及其在全球暖化背景下的变化趋势的研究。</li> <li>4) 古气候模拟和诊断：利用气候模拟探讨古气候变化的成因机制。研究工作主要涉及外在气候驱动力如太阳辐射、火山活动等对季风气候的年际、年代际及百年尺度变化的影响。</li> </ol> <p>2001 年以来的代表论著（*为通讯作者）：</p> <ol style="list-style-type: none"> <li>1. Li, Q., Lu, H., <b>Shen, C.</b>, Zhao, Y., Ge, Q., 2016. Vegetation successions in response to Holocene climate changes in the central Tibetan Plateau. <i>Journal of Arid Environments</i> 125, 136-144.</li> <li>2. Lu, H., Zhang, J., Yang, Y., Yang, X., Xu, B., Yang, W., Tong, T., Jin, S., <b>Shen, C.</b>, Rao, H., et al. 2016. Earliest tea as evidence for one branch of the Silk Road across the Tibetan Plateau. <i>Scientific reports</i> 6, doi:10.1038/srep18955.</li> <li>3. 范晓红, <b>沈才明*</b>, 任宾宾, 梁家昌, 任国玉, 2016. 近半个世纪云南持续数年干旱事件的时空分布. <i>云南师范大学学报(自然科学版)</i> 36(1), 71-78.</li> <li>4. Peng, Y., <b>Shen, C.*</b>, Cheng, H., Xu, Y., 2015. Simulation of the Interdecadal Pacific Oscillation and its impacts on the climate over eastern China during the last millennium. <i>Journal of Geophysical Research: Atmospheres</i> 120(15), 7573-7585.</li> <li>5. Zeng, G., Wang, W.-C., <b>Shen, C.*</b>, Hao, Z. 2014. Summer precipitation changes over the</li> </ol> |                                 |     |    |   |

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