中国科普报告

SCIENCE POPULARIZATION REPORT OF CHINA

2005

中国科普研究所
CHINA RESEARCH INSTITUTE
FOR SCIENCE POPULARIZATION

科学普及出版社
POPULAR SCIENCE PRESS

需要全本请访问 www.ertongbook.com

2005

中国科普报告

SCIENCE POPULARIZATION REPORT OF CHINA

中国科普研究所
CHINA RESEARCH INSTITUTE
FOR SCIENCE POPULARIZATION

科学普及出版社
POPULAR SCIENCE PRESS

·北 京·
BEIJING

图书在版编目(CIP)数据

中国科普报告. 2005 / 中国科普研究所编. —北京：
科学普及出版社,2005.11
ISBN 7-110-06205-8

Ⅰ.中... Ⅱ.中... Ⅲ.科学普及-研究报告-
中国-2005 Ⅳ.N4

中国版本图书馆 CIP 数据核字(2005)第 137491 号

科学普及出版社出版
北京市海淀区中关村南大街 16 号 邮政编码:100081
电话:010-62103210 传真:010-62183872
http://www.kjpbooks.com.cn
科学普及出版社发行部发行
中科印刷有限公司印刷
*
开本:889 毫米×1 194 毫米 1/16 印张:26 字数:550 千字
2005 年 11 月第 1 版 2005 年 11 月第 1 次印刷
印数:1—1700 册 定价:82.00 元

(凡购买本社的图书,如有缺页、倒页、
脱页者,本社发行部负责调换)

编委会主任 徐善衍

编委会成员 （按姓氏笔画排列）

丁 颖 王 可 王渝生 王慧梅 牛灵江
申振钰 刘晓航 刘 康 刘碧秀 任 林
任福君 朱 岩 孙东生 李占军 吴伟文
吴扬杰 何鸣鸿 沈爱民 杨文志 邱成利
张小林 张 伟 张国平 高 勘 崔建平
彭友东 谢瀛环 廖 烨 颜 实

主 编 居云峰 雷绮虹

副 主 编 张红叶

执行编辑 钟 琦 王晓丽

撰 稿 人 （按文序排列）

综 述 居云峰 雷绮虹 张红叶 申振钰 钟 琦
第一章 王渝生 朱幼文 祝 贺 李 元 郭 霞 申振钰
第二章 单长勇 孙 馨 钟 琦 吴小林 杨利军 张红叶
李志敏
第三章 亢宽盈 任 林 刘 艳 胡富梅 赵小敏 田起宏
王 岩 杨利军 杨虚杰 陈 盈 李正伟 尹传红
张 超 陈 玲 李 娇 王宇光 李 森 楼锡祜
韩兆宽 钟 琦 林利琴 朱幼文 林 昀 刘亚东
第四章 程 萍 刘 立 蒋劲松 高建中 何国祥 陈 勇
翟立原 李正伟

中国科普报告课题组

组　　长　雷绮虹

执行组长　张红叶

执行副组长　钟　琦

课题组成员　（按姓氏笔画排列）

王　岩　王宇光　王春林　王晓丽　亢宽盈

尹传红　田起宏　邓　帆　刘　艳　刘亚东

刘荣志　朱幼文　孙　馨　李　娇　李　森

李正伟　李志敏　李燕祥　吴小林　吴亚卓

张守慎　张　超　陈　玲　陈　盈　林　昀

林利琴　杨利军　杨虚杰　单长勇　赵小敏

胡富梅　祝　贺　贾子文　韩兆宽　楼锡祜

责任编辑　吕建华　单　亭

封面设计　王　环

责任校对　林　华

责任印制　李春利

需要全本请访问 www.ertongbook.com

前　言

《2005 中国科普报告》正式出版了。这是中国科普研究所组织研究和连续编撰的第四部中国科普报告。

中国科普研究所于 2002 年编撰中国科普报告，第一部中国科普报告以 2001 年为限，回顾了改革开放以来中国科普发展的历程。此后，每年一部，成为年度科普报告。

《中国科普报告》的设计定位是：全面系统地描述和分析上年度科普领域的发展状况，以及科普在经济发展和社会进步中的作用；为各级政府部门制定科普政策提供决策依据，为广大的科普工作者提供专业指导，为有关的研究人员和关心科普事业的公众了解全国科普工作提供参考信息，为中国科普历史保存翔实的资料和文献。

科普事业同其他事业一样，受国家发展的大形势和大环境的影响，具有明显的年代特征。2004 年，是党和国家大力宣传和落实科学发展观的一年。在这一年，科普显示以人为本，主要表现：满足公众的需求成为科普的出发点和落脚点；为提高贴近人民群众的程度，创新科普的方式和方法；政府推动的科普战略研究以“提高公民的科学素质”为核心；科普能力的拓展，为公民提高自身科学素质创造更多机会和途径。可以说，从政府到社会各个方面，从科普工作者到广大公众，从各种媒体到社区、农村，重视科普、实践科普，又有了新的发展和进步，其中可圈可点的先进典型，比比皆是。

按照年度报告的要求和前三期的编目通例，《2005 中国科普报告》仍分 6 部分对中国科普状况进行描述和简要分析：

·综述

·重大科普事件

·重要科普活动

·科普能力建设

·科普研究

·附录

《中国科普报告》是在中国科协书记处的关心和指导下，在中共中央宣传部、国家科技部、教育部、劳动和社会保障部，全国总工会、共青团中央、全国妇联、中国科学院、

国家自然科学基金委员会，以及中国科协机关的有关部门大力支持下，在中国科协科普口各直属事业单位和有关全国性学会、研究会、协会的紧密配合下，在各省、自治区、直辖市科协的支持下完成的。可喜的是，在今年的科普报告的编辑过程中，又得到了国家农业部及其所属农广校等单位的加盟，在此，我们一并表示诚挚的谢意。

我们恳切地期望读者多提宝贵意见和建议，以便改进和提高我们的工作水平和报告质量。

中国科普报告课题组

2005 年 10 月 19 日

PREFACE

Science Popularization Report of China 2005 officially comes out. It is compiled and produced by China Research Institute for Science Popularization based on organized studies, and it is the forth report following its yearly versions of the past 3 years.

Science Popularization Report of China is a yearbook brought out by China Research Institute for Science Popularization since 2002, the first version of which gives a review of the development of science popularization in China by the year 2001.

Science Popularization Report of China comprehensively and systematically describes the development of science popularization in every last year, and analyzes its status and functions in the economic growth and social progress. The report provides government organs on each level with referential materials for policy－making, offers relevant information to the practitioners and researchers in the area of science popularization. It serves as full and accurate records and literature on history of science popularization in China, thereby readers who are keen about this enterprise could gain their own impression of the changes through comparative reading.

The overall progress and development of our country exerts impact upon the science popularization venture, as well as on other enterprises, therefore the science popularization is marked with obvious characteristics of times. Year 2004 is a year when Chinese Communist Party and Chinese government went to great lengths to publicize and implement the idea of scientific development. In this year, the focus of science popularization began to lie in human beings. This characteristic is seen as follows: to fulfill the public's requirements is regarded as both initial and terminal objective for science popularization; to renovate new modes and ways of science popularization to make this venture go further into the life of ordinary people; the researches on science popularization strategy initiated by the government take on "promoting the citizens' scientific literacy" as the guidelines; to encourage the cultivation of science popularization capacity to create more opportunities and approaches for people to raise their scientific literacy. It is seen that new progresses have been made in attaching importance to this venture accompanied by practices in all areas of our country, i.e., from government to each social sector, from staffers of science popu-

larization to the broad public, from medias to communities and rural areas. There are many representative events worthy of noting.

According to the yearbook's form and our usual practice in organizing contents of the three former reports, *Science Popularization Report of China* 2005 is still divided into six parts to evolve the description and analyses.

- Summary
- Highlights of Science Popularization Events
- Major Science Popularization Engagement
- Science Popularization Capacity Construction
- Science Popularization Studies
- Appendix

Science Popularization Report of China 2005 was compiled under the concern and guidance of the Secretariat of the China Association for Science and Technology. The completion of the work met persistent support from the Publicity Department of the CPC Central Committee, Ministry of Science and Technology, Ministry of Education, Ministry of Labor and Social Security, All China Federation of Trade Unions, Central Committee of Communist Youth League of China, All China Women's Federation, Chinese Academy of Sciences, National Natural Science Foundation of China, as well as relevant departments of CAST. The support also came from all those associations for science and technology on provincial, autonomous regional and municipal levels. And it was a beneficiary of close cooperation offered by independent science – popularization – based establishments under CAST and the national academic societies, institutes and associations. It was delightful that we also received help from Ministry of Agriculture and Agricultural Broadcasting and Television Schools affiliated with it in editing the report of this year. We would like herewith to extend our sincere thanks to all of them.

Finally we sincerely hope our readers to provide valuable criticism and suggestions after reading this book with a view to making improvements for our future work and prospective report.

Science Popularization Report of China
Programme Panel
October 19, 2005

目　录

前言 …… (1)
综述　科普体现“以人为本” …… (1)
第一章　重大科普事件 …… (13)
国家中长期科学和技术发展规划战略研究
“创新文化与科学普及研究”专题完成 …… (15)
全民科学素质行动计划制定工作稳步推进 …… (23)
我国首次举办科学发展观科普展 …… (26)
具有国际标准的新北京天文馆开馆 …… (31)
中国科协2004年学术年会搭起高层次科普平台 …… (38)
第二章　重要科普活动 …… (47)
大型活动
胡锦涛总书记参观中国科技馆 …… (49)
全国科技活动周 …… (51)
全国科普日 …… (53)
55位高技能人才受到党中央、国务院领导接见 …… (55)
中科院首届“北京公众科学日” …… (57)
“青春红丝带”预防艾滋病大型科普活动 …… (59)
全国职工技术创新成果评选表彰活动 …… (61)
“百名科技大王”进广安 …… (63)
首届科普博览会 …… (65)
首届全国公众科学素质电视大赛 …… (67)
青少年科普 …… (69)
农村科普 …… (78)
城市社区科普 …… (87)
企业科普 …… (95)
第三章　科普能力建设 …… (101)
科普政策 …… (103)
科普经费 …… (115)
科普专项资助 …… (122)
科普机构和人员 …… (131)

科普志愿者队伍 …… (135)
大众传媒
科普图书 …… (142)
科普期刊 …… (156)
报纸科普 …… (164)
影视科普 …… (172)
网络科普 …… (183)
基础设施
自然科学类博物馆 …… (218)
科技馆 …… (227)
科普教育基地 …… (232)
科普画廊 …… (241)
第四章　科普研究 …… (247)
我国高中级公务员科普教育理论研究报告 …… (249)
公民科学素质的本土化探索 …… (267)
关于北京地区科普资源情况的调查与思考 …… (274)
部分城市社区科普现状调研报告 …… (285)
附录一　科普政策及重要文件 …… (297)
中共中央、国务院《关于进一步加强和改进未成年人思想道德建设的若干意见》…… (299)
文化部、国家发展改革委、教育部、科技部、民政部、财政部、国家文物局、解放军总政治部、全国总工会、共青团中央、全国妇联、中国科协《关于公益性文化设施向未成年人免费开放的实施意见》…… (307)
国土资源部、科技部《国土资源科学技术普及行动纲要》(2004～2010 年) …… (311)
中国地震局　科技部《关于加强防震减灾科学普及工作的通知》 …… (316)
科技部《关于开展国家重点实验室公众开放活动的通知》 …… (326)
农业部《关于印发〈2005 年全国农业科技入户示范工程试点行动方案〉的通知》…… (327)
农业部《关于印发〈农业主导品种和主推技术推介发布办法〉的通知》 …… (333)
中国科协、中央文明办《关于表彰 2002 年至 2004 年全国“科教进社区”活动先进集体、先进个人和优秀组织单位的决定》 …… (335)
中国科协《关于命名第二批全国科普示范城区和科普示范县(市、区)的决定》…… (344)

需要全本请访问 www.ertongbook.com

中国科协《关于命名全国百强农村专业技术协会的决定》 …… (347)
中国科协《关于2004年度西部科普工程项目评审结果的通知》…… (351)
中国科协《关于表彰企业先进科协的决定》 …… (353)
中国科协《关于确定第二批全国科普教育基地创建单位的决定》 …… (356)
附录二　部分全国性学会、地方科协记事…… (361)
部分全国性学会科普记事 …… (363)
地方科协科普记事 …… (370)

Contents

Preface …… (1)

Summary …… (1)

Chapter Ⅰ Highlights of Science Popularization Events …… (13)

Completion of "Study on Innovative Culture and Science Popularization"—State Middle and Long Term Strategic Research Plan for Science and Technology Development …… (15)

Steady progress of the establishment of Scientific Literacy Project for Chinese Citizens …… (23)

The First Science Popularization Exhibition of the Idea of Scientific Development in China …… (26)

Opening of the New Beijing Planetarium on International Level …… (31)

The Launching of the Platform for Science Popularization on High Level at CAST Academic Conference 2004 …… (38)

Chapter Ⅱ Major Science Popularization Engagement …… (47)

Large - scale Activities

General Secretary Hu Jintao Visited Chinese Science and Technology Museum …… (49)

National Science and Technology Week …… (51)

National Science Popularization Day …… (53)

The Interview of 55 Persons of High Ability with Leaders from Central Committee of CPC and State Council of PRC …… (55)

The First "Public Science Day in Beijing" Initiated by CAS …… (57)

"Red Ribbon in Youth"—Large - scale Activity of HIV Prevention …… (59)

Election and Celebration of Technology Innovation Winners among Workers around the Country …… (61)

"100 Winners of Science and Technology" Entering into Guang'an …… (63)

The First Science Popularization Exhibition …… (65)

The First National TV Contest of Public Science Literacy …… (67)

Science Popularization for Youth …… (69)

Science Popularization in Rural Areas …… (78)

Science Popularization in Urban Communities …… (87)

Science Popularization in Enterprises …… (95)

Chapter Ⅲ Science Popularization Capacity Construction …… (101)

Science Popularization Policies …… (103)

Science Popularization Funds …… (115)

Grants for Science Popularization Programs ····· (122)
Science Popularization Organizations and Manpower ····· (131)
Science Popularization Volunteers ····· (135)
Mass Media
Science Popularization Books ····· (142)
Science Popularization Periodicals ····· (156)
Science Popularization Newspapers ····· (164)
Science Popularization Films and TV Programs ····· (172)
Science Popularization on Internet ····· (183)
Elementary Facilities
Museums of Natural Science ····· (218)
Museums of Science and Technology ····· (227)
Educational Bases for Science Popularization ····· (232)
Galleries of Science Popularization ····· (241)
Chapter Ⅳ Science Popularization Studies ····· (247)
Research on Theory of Science Popularization Education in Senior and Secondary Civil Servants in China ····· (249)
Survey in Localization of the Public Scientific Quality ····· (267)
Investigations and thoughts about Science Popularization Resources in Beijing ····· (274)
Investigation Report about Science Popularization Situation in Some Urban Communities ····· (285)
Appendix Ⅰ ····· (297)
Opinions on Further Strengthening and Improving Idealistic Construction of the Underage People. Central Committee of CPC, State Council of PRC ····· (299)
Opinions on Bringing into Effect the Cultural Infrastructure Being Open to the Underage People Free of Charge. Ministry of Culture, National Development and Reform Commission, Ministry of Education, Ministry of Science and Technology, Ministry of Civil Affairs, Ministry of Finance, State Administration of Cultural Heritage, Political Headquarters of PLA, All China Federation of Trade Unions, Central Committee of Communist Youth League of China, All China Women's Federation, China Association for Science and Technology ····· (307)
Program for Science Popularization Activities of Land and Resources Protection (2004～2010). Ministry of Land and Resources, Ministry of Science and Technology ····· (311)
Notice on Enhancing the Science Popularization of How to Prevent Earthquakes and Reduce Disasters. China Earthquake Administration, Ministry of Science and

Technology ····· (316)
Notice on Activities of Opening the State Key Labs to the Public. Ministry of Science and Technology ····· (326)
Notice on Printing and Distributing "Demonstration Project for the Experiment of Science and Technology Popularization in Agriculture 2005". Ministry of Agriculture ····· (327)
Notice on Printing and Distributing "Methods of How to Introduce and Popularize Main Varieties of Agricultural Crops and Leading Agricultural Techniques". Ministry of Agriculture ····· (333)
Decision on Honoring the Advanced Collectives and Individuals, Excellent Units and Organizations in the National Engagement "Science Education into Communities" in 2002 ~2004. China Association for Science and Technology, Office of Spiritual Civilization Steering Committee of the CPC Central Committee ····· (335)
Decision on Nominating the Cities and Counties (Towns, Sections) of the Second Group Acting as National Demonstrations in Science Popularization. China Association for Science and Technology ····· (344)
Decision on Nominating 100 *Outstanding Rural Associations for Special Technology*. China Association for Science and Technology ····· (347)
Notice on Project Evaluation Result of Science Popularization in the Western Area 2004. China Association for Science and Technology ····· (351)
Decision on Honoring Advanced Associations for Science in the Enterprises. China Association for Science and Technology ····· (353)
Decision on Determining the Second Group of the National Educational Bases for Science Popularization. China Association for Science and Technology ····· (356)
Appendix Ⅱ ····· (361)
Records of Science Popularization Engagements with Some National Academic Societies ··· (363)
Records of Science Popularization Engagements with Local Associations for Science and Technology ····· (370)

科普体现“以人为本”

需要全本请访问 www.ertongbook.com