

# 中国科普报告

SCIENCE POPULARIZATION REPORT OF CHINA

# 2006

中国科普研究所

CHINA RESEARCH INSTITUTE  
FOR SCIENCE POPULARIZATION



科学普及出版社  
POPULAR SCIENCE PRESS



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# >> 前言

2006中国科普报告

《2006 中国科普报告》如期同大家见面了。这是中国科普研究所自 2002 年开创并组织研究和连续编纂的第五部年度报告。

我们与《中国科普报告》一同走过这 5 年,最感欣慰的是:《中国科普报告》由于连续的编纂出版,已经在科普理论研究和工作中显现出研究和应用价值,在国内外的影响力正逐步提高。

《中国科普报告》经过 5 年的努力,已基本成熟:

1. 设计定位基本实现。《中国科普报告》的设计定位是:科普专业性蓝皮书。其目标是全面系统地描述和分析、研究我国科普领域年度的发展状况,科普在经济发展和社会进步中的作用,以及对科普发展的思考,为各级政府部门制定科技政策提供决策依据,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。

《中国科普报告》的出版受到科技主管部门、媒体的关注和广大科普工作者、科普管理者和研究人员的厚爱,使我们备感欣慰和鼓舞。

2. 体例架构基本固定。《中国科普报告》分为 6 个部分,分别是: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。这一体例架构符合年度报告的要求,有利于广大读者和研究人员连续性地了解和逐年比较分析。《中国科普报告》运用事实和数据客观反映中国科普的实际状况,附录收集了本年度的科普相关政策、全国性学会和地方科协科普大事记,更增加了报告的历史文献价值。为减轻本书的厚重,从 2006 年度起,附录部分放在随书的光盘之中。

3. 研究特色初步形成。随着现代科技的发展及党和国家的高度重视,科普不论是从规模拓展和内容开掘上,还是从公众参与的热情和科普形式表现的多样上,都呈现出鲜活、丰富多彩的面貌。怎样科学、生动、全面反映和评价我国的年度科普状况,研究工作十分重要。《中国科普报告》采用文献检索、信息分析、资料整理、数据统计、比较研究、案例分析、归纳总结等方法,比较准确地描绘出每年度科普明显的特征,它既是科普事业的特质反映,也是科普服务于党和国家中心工作的业绩。



《2006 中国科普报告》在以往研究的基础上,在科普能力建设的章节,对政策、经费、机构、人员以及各类媒体、设施等设专题研究,根据数据采集的可操作性,探索对科普工作的评价体系,初步形成了专题报告的体例和研究方法。课题组人员和专业协会、业内专家共同开展了有关科普能力建设的子课题研究,形成了科普政策、影视科普、网络科普、报纸科普、科普图书、自然科学类博物馆等专题报告。并显示出科普能力建设纳入国家规划,持续稳定发展态势;呈现出科普能力建设在出台行业标准、规范管理,整合资源、促进共享方面的发展趋势。

4. 合作平台稳固搭建。我国开展科普工作的主要部门、机构参加了《中国科普报告》的撰写,《中国科普报告》成为政府各有关部门、人民团体、新闻媒体、教育、科研和文化机构、中国科协系统的全国性学会、地方科协等共同宣传和展示科普工作的平台,也成为国内外科普界和学者了解我国科普工作的重要渠道。

当然,《中国科普报告》还存在着一些不足,如报告内容需要更加精练,缩短研究周期,满足读者要求尽早出版的需求,以及建立和完善科普专项评价体系等,这些都需要随着科普工作和科普统计的规范化、科普理论研究的深入,得到进一步的改进。

2005 年年初,中国科协提出了“三个服务一个加强”的工作定位,得到了党中央书记处的充分肯定和各级科协的认同,科普口工作转变思路,整合资源,搭建平台,服务于社会。《中国科普报告》认真贯彻这一思想。这部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、劳动与社会保障部、农业部、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、科技新闻媒体等 20 多个相关部门和机构,以及中国科协机关的有关部门大力支持和合作下取得的成果,也得到中国科协科普口直属事业单位,有关全国性学会、协会、研究会,和各省、自治区、直辖市科协的紧密配合。在此,我们一并表示诚挚的谢意!

中国科普报告课题组

2006 年 10 月 16 日





## PREFACE

2006 Science Popularization Report of China

*Science Popularization Report of China 2006* is brought out in due time. It is compiled and produced by China Research Institute for Science Popularization based on organized studies, and it is the fifth report following its yearly versions since 2002.

We go through these five years together with *Science Popularization Report of China*. What drives us most to mention in the preface is the fact that due to its successive publication, the report's research and practical value is shown both in theoretical research and practices in science popularization, and its influence is up-growing gradually both in China and abroad, all of which makes us feel most gratified.

Through five straight years' effort, in general, *Science Popularization Report of China* has stepped into the phase of maturity.

1. Original orientation is mostly realized. *Science Popularization Report of China* is designed to be a blue book of science popularization. Each version comprehensively and systematically describes the development of science popularization of the previous year, analyzes its status and functions in the economic growth and social progress, and contributes to generating more thinking about its further development. The report provides government organs on each level with referential materials for policy-making, gives guidance to science popularization practitioners, offers relevant information to researchers in the area of science popularization and the public who are keen about this enterprise. It serves as full and accurate records and literature on history of science popularization in China.

*Science Popularization Report of China* acquired great concern and favor from the department in charge of S&T affairs, the mass media and the science popularization practitioners, administrators and researchers, which gratified and encouraged us a lot.

2. Style and structure are basically fixed. *Science Popularization Report of China* is divided into six parts. They are: summary, highlights of science populariza-

tion events, major science popularization engagement, science popularization capacity construction, science popularization studies, appendix. This structure is consistent with the demands of a yearbook, and it is convenient for readers and researchers to understand the contents of the report in a successive way and make comparisons and analyses year by year. *Science Popularization Report of China* objectively reflects the actual situations of science popularization in China on the basis of facts and data. In appendix are gathered policies concerning science popularization, records of science popularization engagements with some national academic societies, and with local associations for science and technology as well in each current year. They increase the report's value as historical literature. From this year on, materials in appendix are stored in CDs to avoid the yearbook being thick and heavy.

3. Characteristics of research primarily come into being. Social activities of human beings are numerous and complicated, of which science popularization is one of the important components, and consequently, science popularization initiatives rely on other components of the society in various relationships. With the development of modern science and technology, also with great concern from the Communist Party and the State, science popularization presents a colorful, active, new outlook through expansion of the scale of its activities, diversity of its contents, passion of the public's participation in it, and variety of its forms. Research work appears to be very important in describing and evaluating the yearly status of science popularization in our country in a scientific, vivid and comprehensive way. The report adopts different methods, such as literature retrieval, information analyses, material integration and division, data statistics, study in comparison, case studies, and summarizing. With the help of all above, it describes the yearly obvious characteristics of science popularization in a relatively accurate way. *Science Popularization Report of China* is not only the reflection of science popularization's attributes, but also the achievement representing how science popularization supports the central tasks of the Communist Party and the State.

On the basis of previous study, *Science Popularization Report of China 2006*

contributes specific sections to policies, outlay, organizations, staff members, media and infrastructures in Chapter III. It tries to discover an evaluation system for science popularization by means of data manipulation. The style and researching approach of special studies on certain subjects basically formed. Members of the programme panel in our institute, experts in national academic societies and in the whole field of science popularization worked together on the research of science popularization capacity construction, brought out special studies on following subjects: science popularization policies, science popularization films and TV programs, science popularization on internet, science popularization with newspapers, science popularization books, natural science museums, etc. The report shows the tendency that science popularization capacity construction remains stable in development, and the construction is enlisted in our national developing scheme. What's more, standards making, regulations of management, resources integration, and promotion of information sharing can also be seen in the development of science popularization.

4. Platform for cooperation is built up firmly. Main departments and organizations in science popularization area participated in compiling the *Science Popularization Report of China*. It becomes not only a platform of dissemination and display of science popularization achievements by relevant departments of the government, people's organizations of China, news media, educational, academic and cultural organizations, national academic societies, local associations for science and technology, etc., but also the main channel to know about science popularization in China for practitioners and scholars overseas.

*Science Popularization Report of China* certainly does have deficiencies. For example, the report is expected to be more concise; the period of research needs to be reduced to meet the readers' earnest request for the publication of the report; set up the evaluation systems for sub-fields of science popularization and improve them, etc. All of the above could be improved only if science popularization and the statistics of which get standardized and science popularization research goes in depth.

At the beginning of 2005, China Association for Science and Technology put for-

ward the guideline of “three functions of service and one working stress”, which is confirmed by the Secretariat of Central Committee of CPC and echoed by Associations for Science and Technology on each level. Consequently, science popularization practices begin to transform according to the guideline: integrate resources, build up platform, and serve the society. This guideline is embodied in *Science Popularization Report of China* 2006. It was compiled under the concern and guidance of the Secretariat of China Association for Science and Technology. The completion of the work met persistent support and cooperation from over twenty relevant departments and organizations, such as the Publicity Department of the CPC Central Committee, Ministry of Science and Technology, Ministry of Education, Ministry of Labor and Social Security, Ministry of Agriculture, 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, scientific news agencies, 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. We would like herewith to extend our sincere thanks to all of them.

*Science Popularization Report of China*

Programme Panel

October 16, 2006



*Notice on Printing and Distributing "Further Strengthening and Promoting the Construction of Exemplary Cities (Counties, Prefectures) in Science & Technology Progress".* Ministry of Science and Technology

*Notice on Carrying out the National Statistics of Science Popularization 2004.* Ministry of Science and Technology

*Notice on Printing and Distributing "Action of Reemployment and New Job Occupation of Urban Labor Force after Skill Training".* Ministry of Labor and Social Security

*Opinions on Implementation of Practical Skill Training Action Plan in the Countryside.* Ministry of Education

*Notice on Printing and Distributing "Working Scheme of Spring Ploughing Supervision and Science & Technology into the Family Spring Action".* Ministry of Agriculture

*Notice on Nomination of Science Popularization Programmes for 2005 National Awards of Science and Technology Advancement.* National Office for Science and Technology Awards

*Notice on Printing and Distributing "Speeches of Chen Zhili and Deng Nan on the Conference on Science Popularization in the Countryside Held by CAST".* China Association for Science Popularization

*Opinions on Further Strengthening Science Popularization in the Countryside.* China Association for Science Popularization

*Opinions on Strengthening Publicizing the Concept of Scientific Development by Means of Science Popularization.* China Association for Science Popularization

*Decision on Honoring the Outstanding Models, Advanced Collectives and Individuals in Science Popularization in the Countryside All Over the Country.* China Association for Science and Technology

*Notice on Promulgating Forceful Prevention and Cure of Disease Infecting Birds Flu by Means of Science Popularization.* China Association for Science and Technology

*Opinions on Continuing the Construction of Exemplary Counties (Cities, Prefectures) in Science Popularization.* China Association for Science and Technology

*Notice on Printing and Distributing "General Regulations of Science and Technology Associations in Non-state-owned Enterprises (Tryout)".* China Associa-

tion for Science and Technology

*Notice on Printing and Distributing “Measures of Science Popularization Caravans’ Management”*. China Association for Science and Technology

**Appendix II** (In CD)

Records of Science Popularization Engagements with Some National Academic Societies

Records of Science Popularization Engagements with Local Associations for Science and Technology

**Appendix III** (In CD)

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List of Science Popularization Websites and Columns in China Enlisted in Alexa Top 100 Thousand Global Websites

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科技部 财政部	关于印发《科技富民强县专项行动计划实施方案(试行)》的通知
科技部	关于印发《关于加强和推进科技进步示范市(县、区)建设的意见》的通知
科技部	关于开展 2004 年度全国科普工作统计的通知
劳动和社会保障部	关于印发城镇技能再就业计划和能力促创业计划的通知
教育部	关于实施农村实用技术培训计划的意见
农业部	关于印发《2005 年春耕生产督导和科技入户春季行动工作方案》的通知
国家科技奖励办公室	关于推荐 2005 年度国家科学技术进步奖科普项目的通知
中国科协	关于印发《陈至立同志和邓楠同志在中国科协农村科普工作会议上讲话》的通知
中国科协	关于进一步加强农村科普工作的意见
中国科协	关于加强科学发展观科普宣传的意见
中国科协	关于表彰全国农村科普工作先进个人标兵、先进集体和先进个人的决定
中国科协	关于大力开展防治高致病性禽流感科普宣传工作的通知
中国科协	关于深入开展全国科普示范县(市、区)创建活动的意见
中国科协	关于印发《非国有企业科学技术协会组织通则(试行)》的通知
中国科协	关于印发《科普大篷车管理暂行办法的通知》

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