

Long-Range Research Initiative

The importance of science to decision making about chemical safety is more evident today than ever before. Demands are increasingly heard for science that can drive decisions to improve human health and the environment.

At its core, the business of chemistry is all about science – science aimed toward innovations in products and services that can make people's lives better, healthier, and safer.

Since 1999, the innovative research program of the International Council of Chemical Associations' Long-Range Research Initiative (ICCA-LRI) has supported science that advances chemical safety.

Through the LRI, ICCA is a key contributor to the science that will shape future global chemical management policies.



INTERNATIONAL
COUNCIL OF
CHEMICAL
ASSOCIATIONS

Long-Range Research Initiative

Science for a Sustainable Future



LRI research contributes to ICCA's work on accelerating progress towards the United Nations Sustainable Development Goals. As the manufacturers of innovative, life-enhancing products & technologies, the chemical industry is playing a unique role in overcoming our world's sustainability challenges.



For further information please visit the ICCA – LRI website:
<https://icca-chem.org/focus/chemicals-management/long-range-research-initiative/>

LRI Mission

The mission of the LRI is to identify and fill gaps in our understanding about the hazards posed by chemicals and to improve the methods available for assessing the associated risks.

Its innovative research programs are designed to improve the way we address the safety of our chemicals, particularly everyday exposures of consumers to low levels of chemicals and chemical mixtures.

The LRI fosters a sustainable and healthy future through its support of high quality science that can inform effective decision making by industry, regulators, and society.

LRI Principles

The following principles are the basis of the LRI program and ensure that the funded research meets the highest quality standards:

Scientific Excellence. The best research proposals and most-qualified scientists will be selected for funding.

Transparency. Research will be conducted openly and the results will be publicly available.

Fair and Unbiased Conduct. Potential conflicts of interest will be rigorously evaluated.

Relevance to the Chemical Industry. Research will address the potential health and environmental impacts of chemicals.

FROM Data TO Decisions

INFORMING REGULATORY POLICY

Research

LRI research targets the science-policy interface to modernize and improve chemical management. Our research includes three priority areas.

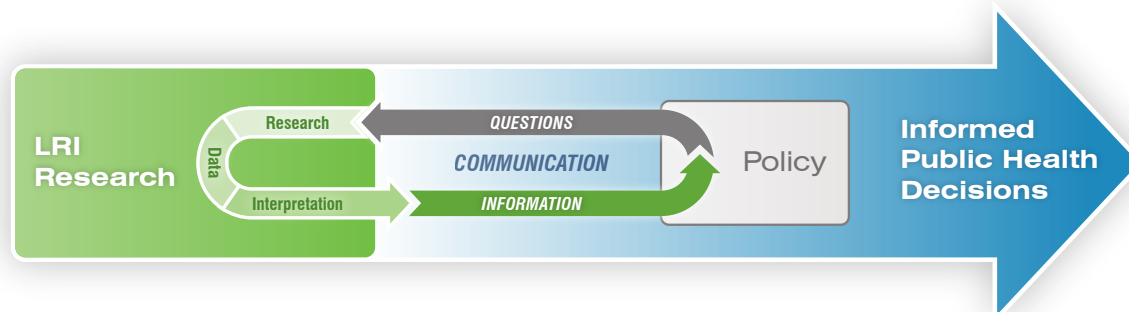
- **Emerging Technologies** – Assessing innovative tools, approaches, and data for robust evaluations of chemicals as well as new technologies, such as nanotechnology.
- **Exposure Science** – Improving the tools to quantify everyday and incidental exposures to chemicals and to guide intelligent testing and risk assessment.
- **Translation Relevant to Health and Environment** – Developing approaches and tools to improve understanding of links between exposures to chemicals and their effects on human health and the environment.

Science in Action

The LRI is more than research. Outreach and communication are integral LRI program elements essential for translating research findings into information that can be used for science-based decision making.

All results from LRI-supported research are openly communicated through peer-reviewed publications, workshops, conferences, and the Internet.

Since 2005, ICCA-LRI workshops have provided dynamic forums that foster interactions among industry and academic researchers, governmental agencies, non-governmental organizations, and regulatory decision makers regarding areas of mutual interest in chemical management.



The LRI is a global program implemented through three ICCA member organizations – the European Chemical Industry Council ([Cefic-LRI click here](#)), the American Chemistry Council ([ACC-LRI click here](#)), and the Japan Chemical Industry Association ([JCIA-LRI click here](#)).