*Reference Record[[1]](#footnote-2):* Biosafety Virtual Library Resource[[2]](#footnote-3)

*Fields marked with an asterisk (\*) are mandatory.*

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| **General information** |
| 1. Is this a new record or a modification to an existing record:\*
 |  [ ]  New record *or*[ ]  Update of an existing record: <BCH record number>*Please provide the BCH record number of the record that is being updated.* |
| 1. Title:\*[[3]](#footnote-4)
 | <Text entry> |
| 1. Type of resource:\*
 | Please select the applicable option(s) from: <Option List – Resource Type> *(see the list in the annex to this common format)* |
| 1. Author(s):\*[[4]](#footnote-5)
 | Author(s) name: <Text entry> *and/or* Reference to the authoring organization(s): <BCH record number>*Please provide the BCH record number(s) containing this information or, if not registered, please attach a “Contact” or a “Biosafety Organization” common format.[[5]](#footnote-6)* |
| 1. Publisher:
 | Reference to the publishing house or publishing organization(s) of this resource: <Text entry>  |
| 1. Source:[[6]](#footnote-7)
 | <Text entry> |
| 1. Publication date:\*
 | <YYYY-MM> |
| 1. Rights:[[7]](#footnote-8)
 | <Text entry> |
| **Access to the resource(s)** |
| 1. Link to the resource(s):\*[[8]](#footnote-9)
 | <Attachment>*and/or* <URL and website name><Select language>\* |
| 1. Cover image(s):
 | <Attachment> |
| **Information on the content of the resource** |
| 1. Summary, abstract or table of contents (max 300 words):\*
 | <Text entry> |
| 1. Country(ies), regional or economic group(s) covered by the resource:
 | <Geographical or political/economic group(s)> *and/or* <Country name(s)>  |
| **Keywords for facilitating searching for information in the clearing-houses** |
| 1. CBD Subject Areas:
 | Please select the applicable option(s) from:<Option List – CBD Subject Areas> *(see the list in the annex to this common format)* |
| **Keywords related to Biosafety** |
| 1. BiosafetyThematic Areas:\*
 | Please select the applicable option(s) from:<Option List – Biosafety Thematic Areas>*(see the list in the annex to this common format)* |
| 1. Guidance on risk assessment of living modified organisms:
 | If “Risk assessment” was indicated as one of the “Biosafety Thematic Areas” in the previous question, please answer the following question:Would you like to recommend this document as background material for the “Guidance on Risk Assessment of Living Modified Organisms”?\* (see <http://bch.cbd.int/onlineconferences/ra_guidance_references.shtml>)[ ]  Yes [ ]  No└ If “Yes”, please provide information on the author affiliation:[ ]  Academic or research institute[ ]  Government agency (National/Federal)[ ]  Government agency (Sub-national)[ ]  Intergovernmental organization (IGO)[ ]  Non-governmental organization (NGO)[ ]  Private sector (business and industry)[ ]  Regional economic integration organization[ ]  UN and other specialized agency of the UN Common System[ ]  Other (please specify): <Text entry>*AND*└ If “Yes”, please select the section(s) of the “Guidance” this resource is relevant to:\*<Option List – Sections of Guidance on Risk Assessment of Living Modified Organisms>*(see the list in the annex to this common format)* |
| 1. Does this resource address one or more specific LMOs?:\*
 | [ ]  Yes [ ]  No└ <BCH record number>*Please enter the BCH record number containing this information or, if not registered, attach an “LMO” common format[[9]](#footnote-10).* |
| 1. Does this resource address one or more specific organisms?:\*
 | [ ]  Yes [ ]  No└ <BCH record number>*Please enter the BCH record number containing this information or, if not registered, attach an “Organism” common format[[10]](#footnote-11).* |
| 1. Does this resource address one or more specific genetic elements[[11]](#footnote-12)?:\*
 | [ ]  Yes [ ]  No└ <BCH record number>*Please enter the BCH record number containing this information or, if not registered, attach a “Genetic element” common format[[12]](#footnote-13).* |
| **Additional information** |
| 1. Any other relevant information:[[13]](#footnote-14)
 | <Text entry> *and/or* <URL and website name>*and/or* <Attachment> |
| 1. Notes:[[14]](#footnote-15)
 | <Text entry> |

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| **Record Validation** |
| Information should be submitted online to the BCH through the Submit page. This offline common format is made available to assist BCH users to gather and organize their records prior to submission to the BCH. In case of difficulties in submitting this information online, the completed documents should be sent in MS Word format by e-mail to bch@cbd.int. Alternatively, they can be sent by fax to **+1 514 288 6588**.or postal mail to:**Secretariat of the Convention on Biological Diversity****413 rue Saint-Jacques, suite 800****Montreal, Québec, H2Y 1N9****Canada****Important Notice:** Please note that if this form is going to be sent via fax, postal mail or from an e-mail address that is not registered in the BCH, a copy/scan of this signed page should be attached. A completed “Contact” common format should also be attached if the user is not registered in the BCH. |
| Date:\* | <YYYY-MM-DD> |
| Name of the person submitting the request:\* | <Text entry> |
| Contact details of the person submitting the request: | *<registered e-mail address>**Please enter the e-mail address that is registered in the BCH or, if not registered, attach a “Contact” common format[[15]](#footnote-16).* |
| *I hereby confirm that the above information is correct and request its inclusion in the Biosafety Clearing-House.* |
| Signature of the person submitting the information:\* |  |

**ANNEX**

**OPTIONS FOR COMPLETING THE FORMAT**

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| **OPTION LIST - Resource TYPE** *(choose as many options as needed in order to best describe the resource)* |
| General library resource* Article
* Book
* Book chapter
* Briefing
* Conference paper
* Conference proceedings
* Executive summary
* Journal
* Magazine
* Newspaper
* Report
* Review
 | Capacity-building related * Best practices
* Case studies
* Checklist
* Fact sheet
* FAQs
* Guide
* Handout
* Lessons learned
* Manual
* Needs assessment tool
* Quiz
* Standards
* Technical guide
* Tutorial
* Worksheet
 | Multimedia* E-learning course
* Image
* Instructional video
* Map
* Podcast /Audio recording
* Poster
* Presentation
* Recording of an academic course
* Webinar recording
 | Online/Virtual* Listserv
* Mailing list
* News service
* Online database
* Online forum
* Software application
* Website

Catalogues* Archive
* Bibliography
* Catalogue
* Dictionary
* Glossary
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| **OPTIONS LIST – CBD Subject Areas***(choose as many options as needed in order to best describe the resource)* |
| Biomes:* Agricultural biodiversity
* Dry and sub-humid lands
* Forest biodiversity
* Inland waters biodiversity
* Island biodiversity
* Marine and coastal biodiversity
* Mountain biodiversity
* Polar biodiversity
 | Cross-cutting issues:* Scientific and technical cooperation
* Access to genetic resources and benefit-sharing
* Biodiversity for development
* Chemicals and pollution
* Climate change and biodiversity
* Economics, trade and incentive measures
* Ecosystem approach and restoration
* Ex-situ conservation
* Gender and biodiversity
* Handling of biotechnology
* Health and biodiversity
* Protected areas
* Intellectual property rights
* Invasive alien species
* Traditional knowledge, innovations & practices
* Taxonomy
* Tourism
* Genetic use restriction technologies
* Sustainable use of biodiversity
* Transfer of technology and cooperation
* Biosafety and biotechnology
* Endangered species
* Exchange of information
* South-south cooperation
* New and emerging issues
* In-situ conservation
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| **OPTIONS LIST – Biosafety Thematic Areas***(choose as many options as needed in order to best describe the resource)* |
| [ ]  **Biosafety policy and regulation**  [ ]  Advance informed agreement (AIA) [ ]  Compliance and Enforcement [ ]  Import / Export [ ]  Liability and redress [ ]  Multilateral agreements [ ]  National administrative frameworks [ ]  National decision-making system [ ]  National policies [ ]  National/Domestic regulatory frameworks or guidelines [ ]  Precautionary approach (Principle 15 of Rio Declaration) [ ]  Transit**[ ]  Capacity-building and financial resources** [ ]  Cooperation and coordination mechanism [ ]  Financial mechanisms and resources [ ]  Institutional capacity development [ ]  Project design, monitoring and evaluation [ ]  Technology transfer [ ]  Training**[ ]  Information-sharing and management** [ ]  BCH Central Portal [ ]  BCH National nodes [ ]  Biosafety databases [ ]  Additional sources of biosafety information**[ ]  LMO use and transboundary movement** [ ]  Contained use [ ]  Emergency measures [ ]  Field trials [ ]  Handling, transport, packaging and identification [ ]  Illegal transboundary movement [ ]  LMOs for introduction into the environment (Environmental releases) [ ]  LMOs for pharmaceuticals [ ]  LMOs for use as food or feed or for processing [ ]  LMOs or specific traits that may have adverse effects [ ]  LMOs or specific traits that are not likely to have adverse effects [ ]  Unintentional transboundary movement**[ ]  Public awareness, education and participation** [ ]  Access to information [ ]  Biosafety education [ ]  Communication [ ]  Public participation [ ]  Public awareness**[ ]  Scientific and technical issues** [ ]  Food and feed safety [ ]  Human health [ ]  Detection [ ]  Environmental monitoring  [ ]  Sampling [ ]  Risk assessment [ ]  Risk management**[ ]  Socio-economic and trade issues** [ ]  Bioethics [ ]  Coexistence [ ]  Intellectual property rights [ ]  Social and/or economic assessments [ ]  Trade rules and standards**[ ]  Other (please specify):** <Text entry> |

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| **OPTIONS LIST – Sections of “Guidance on Risk Assessment of Living Modified Organisms”** |
| Part I: Roadmap for risk assessment of living modified organisms**[ ]** Background**[ ]** Introduction**[ ]** Overarching issues in the risk assessment process**[ ]**  Protection goals, assessment endpoints and measurement endpoints [ ]  Protection goals and centres of origin and genetic diversity **[ ]** Quality and relevance of information [ ]  Information requirements in the case of field trials or experimental releases **[ ]** Identification and consideration of uncertainty**[ ]** Planning phase of the risk assessment **[ ]** Establishing the context and scope **[ ]**  Problem formulation **[ ]** The choice of comparators**[ ]** Conducting the risk assessment**[ ]** Step 1: “Identification of any novel genotypic and phenotypic characteristics associated with the living modified organism that may have adverse effects on biological diversity in the likely potential receiving environment, taking also into account risks to human health” [ ]  Identifying potential adverse effects to human health arising through environmental exposure [ ]  Characterization of LMOs developed through RNAi-based methods [ ]  LM crops and the use of herbicides**[ ]** Step 2: “Evaluation of the likelihood of adverse effects being realized, taking into account the level and kind of exposure of the likely potential receiving environment to the living modified organism””[ ]  Step 3: “Evaluation of the consequences should these adverse effects be realized”[ ]  Step 4: “Estimation of the overall risk posed by the living modified organism based on the evaluation of the likelihood and consequences of the identified adverse effects being realized”[ ]  Step 5: “Recommendation as to whether or not the risks are acceptable or manageable, including, where necessary, identification of strategies to manage these risks”[ ]  Related issuesPart II: Specific types of LMOs and traits[ ]  Risk assessment of living modified plants with stacked genes or traits[ ]  Introduction[ ]  Planning phase of the risk assessment[ ]  The choice of comparators[ ]  Conducting the risk assessment[ ]  Sequence characteristics at the insertion sites, genotypic stability and genomic organization[ ]  Potential interactions among the stacked genes, their resulting phenotypic changes and effects on the environment and human health[ ]  Combinatorial and cumulative effects[ ]  Crossing and segregation of transgenes[ ]  Methods for distinguishing the combined transgenes in a stacked event from the parental LM plants[ ]  Risk assessment of living modified plants with tolerance to abiotic stress[ ]  Introduction[ ]  Planning phase of the risk assessment[ ]  The choice of comparators[ ]  Conducting the risk assessment[ ]  Unintended characteristics, including cross-talk between stress responses[ ]  Testing the living modified plant in representative environments[ ]  Persistence in agricultural areas and invasiveness of natural habitats[ ]  Effects on the abiotic environment and ecosystem[ ]  Risk assessment of living modified trees [ ]  Background  [ ]  Introduction [ ]  Planning phase of the risk assessment [ ]  The choice of comparators [ ]  Conducting the risk assessment [ ]  Presence of genetic elements and propagation methods [ ]  Long lifespan, genetic and phenotypic characterization and stability of the modified genetic elements [ ]  Dispersal mechanisms [ ]  The likely potential receiving environment(s) [ ]  Exposure of the ecosystem to living modified trees and potential consequences [ ]  Risk management strategies[ ]  Risk assessment of living modified mosquitoes species that act as vectors of human and animal diseases[ ]  Introduction[ ]  Objective and scope[ ]  Planning phase of the risk assessment[ ]  The choice of comparators[ ]  Conducting the risk assessment[ ]  Characterization of the living modified mosquito[ ]  Unintended effects on biological diversity (species, habitats, ecosystems, and ecosystem function and services)[ ]  Vertical gene transfer[ ]  Horizontal gene transfer[ ]  Persistence of the transgene in the ecosystem[ ]  Evolutionary responses (especially in target mosquito vectors or pathogens of humans and animals)[ ]  Unintentional transboundary movement[ ]  Risk management strategies[ ]  Containment of the living modified mosquito [ ]  Related issues**Part III: Monitoring of Living Modified Organisms Released into the Environment** [ ]  Introduction [ ]  Objective and scope [ ]  Monitoring and its purposes [ ]  Development of a monitoring plan [ ]  Choice of indicators and parameters for monitoring (“what to monitor?”) [ ]  Monitoring methods, baselines including reference points, and duration of monitoring (“how to monitor?”) [ ]  Selecting monitoring methods [ ]  Establishing baselines, including reference points [ ]  Establishing the duration and frequency of monitoring [ ]  Choice of monitoring sites (“where to monitor?”) [ ]  Reporting of monitoring results (“how to communicate?”) |

1. Reference records contain information that may be submitted by any registered user. The information will be published in the BCH only after its completeness and accuracy have been validated by the Secretariat. The common formats for reference records can be accessed through the Submit page of the BCH. [↑](#footnote-ref-2)
2. The Biosafety Virtual Library Resource (VLR) is a database of biosafety-related publications and information resources maintained by the CBD Secretariat with the objective of increasing the accessibility and use of available biosafety information and resources by policymakers, educators, researchers, and the general public. Please note that to complete this form you may also need to download the following common format(s): “Contact”, “Biosafety Organization”; “Living Modified Organism”, “Genetic element” and “Organism”. [↑](#footnote-ref-3)
3. This will appear as the title of the BCH record. [↑](#footnote-ref-4)
4. Name of the person or organization who has authored the publication or information resource. [↑](#footnote-ref-5)
5. All BCH common formats can be accessed through the Submit page of the BCH. [↑](#footnote-ref-6)
6. A reference to a resource from which the present resource is derived, e.g. the name of a journal for an article published in a journal. [↑](#footnote-ref-7)
7. Information about rights held in and over the resource, such as copyright holder, and availability for reproduction for educational or non-profit purposes. [↑](#footnote-ref-8)
8. Please always attach the relevant document(s) that will be stored in the database for users to download. When resources are available on the Internet, please also provide a link to them. Please note that attachments are preferable to links because attachments are permanently accessible whereas links can become broken. [↑](#footnote-ref-9)
9. All BCH common formats can be accessed through the Submit page of the BCH. [↑](#footnote-ref-10)
10. All BCH common formats can be accessed through the Submit page of the BCH. [↑](#footnote-ref-11)
11. Information on genetic elements refers to *DNA sequences*, including genes, regulatory DNA sequences and other nucleic acids used to create a living modified organism. They may encode a protein or may have a specific regulatory function. [↑](#footnote-ref-12)
12. All BCH common formats can be accessed through the Submit page of the BCH. [↑](#footnote-ref-13)
13. Please use this field to provide any other relevant information that may not have been addressed elsewhere in the record. [↑](#footnote-ref-14)
14. The “Notes” field is for personal use. It can be seen only when the record is being edited but is not visible when the record is published. This field is not meant to be used for confidential information. [↑](#footnote-ref-15)
15. All BCH common formats can be accessed through the Submit page of the BCH. [↑](#footnote-ref-16)