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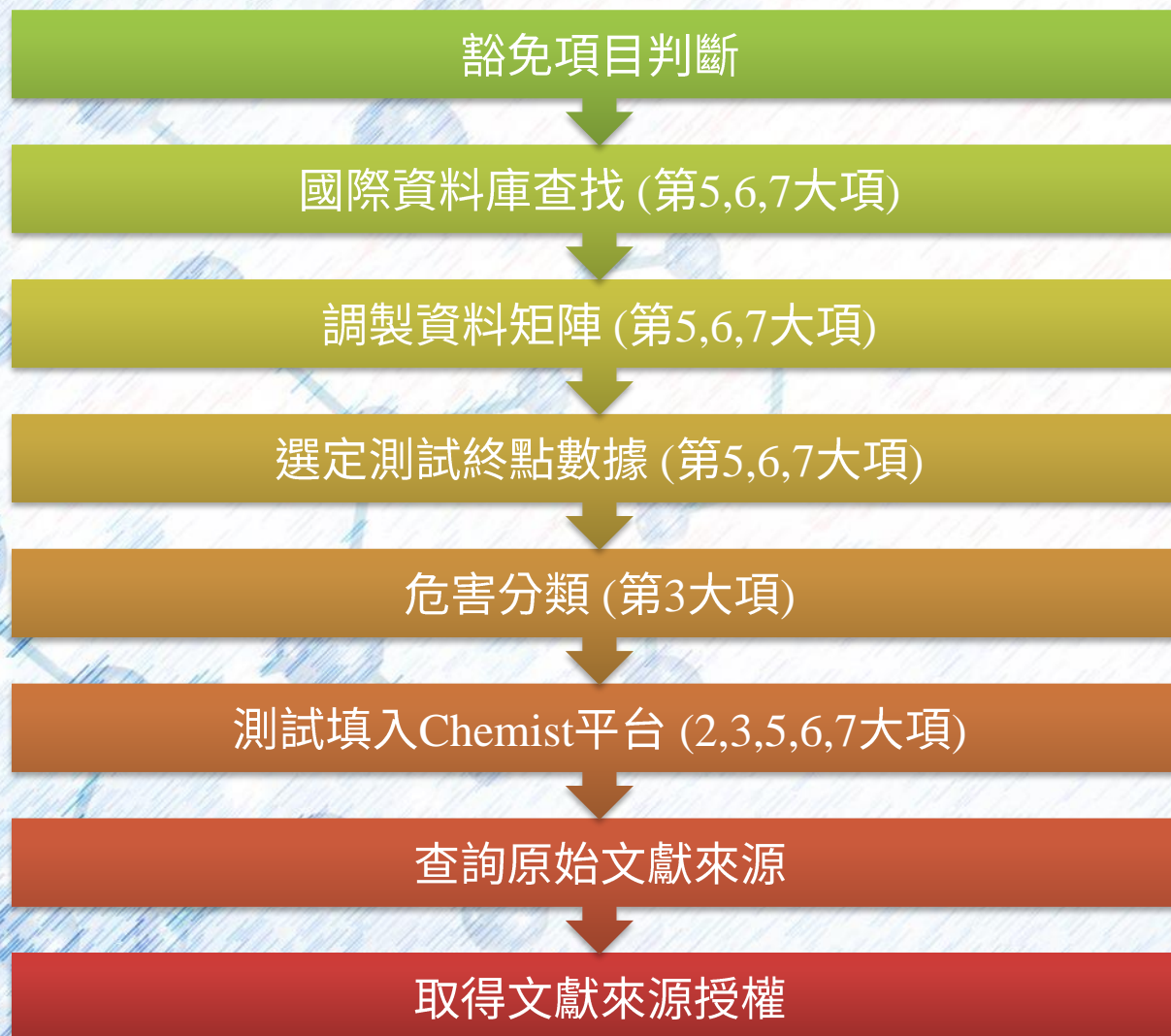


既有化學物質登錄作業 智慧財產權授權簡介

環保署毒物及化學物質局
高級環境技術師 賴正庸



登錄作業程序





國際資料接收來源

「既有化學物質標準登錄資料撰寫指引」第一版提供之國際公開資料庫資料：

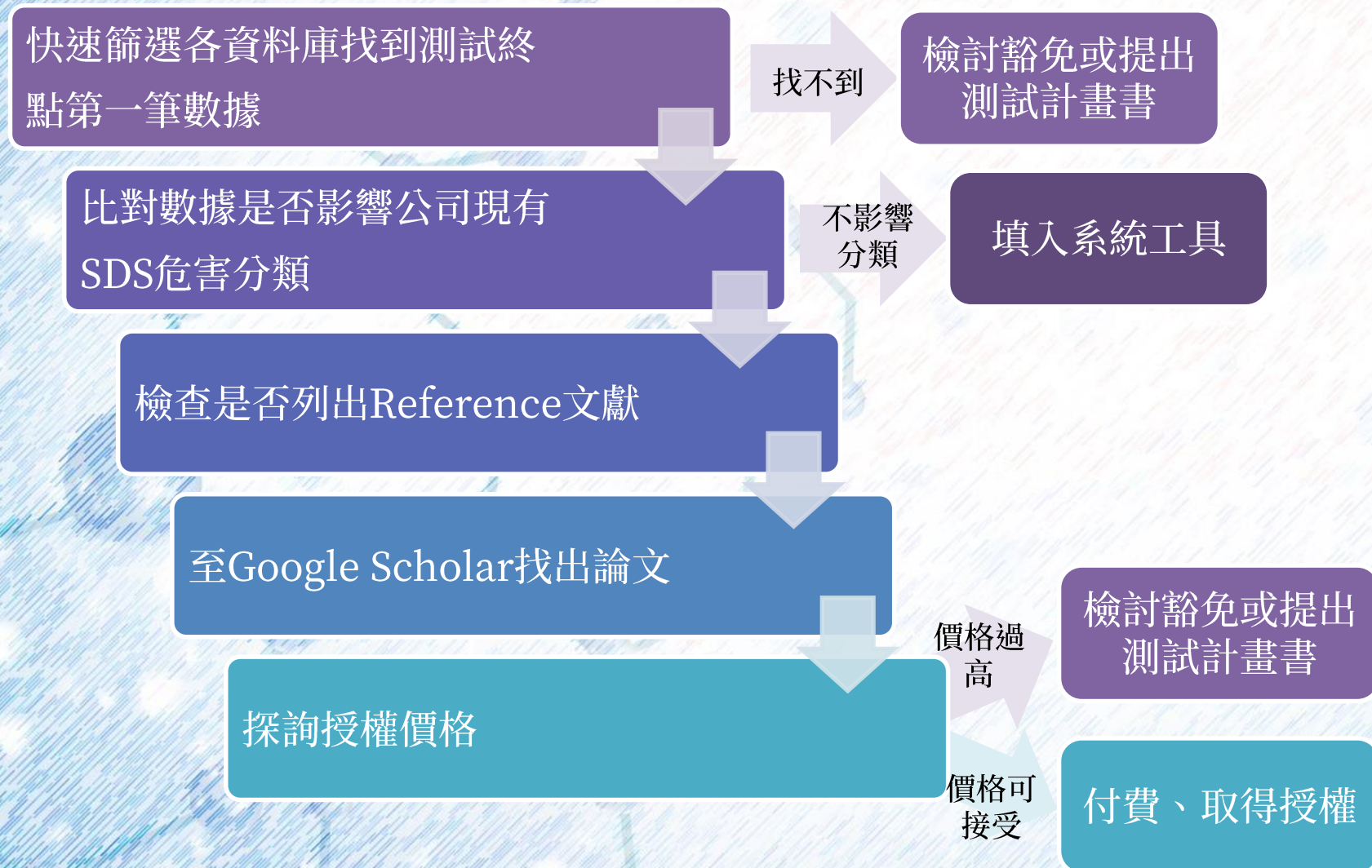
- ◆ International Labour Organization International Chemical Safety Cards (ILO ICSC) database
- ◆ International Programme on Chemical Safety (IPCS)
- ◆ International Agency for Research on Cancer (IARC)
- ◆ World Health Organization (WHO)
- ◆ OECD Screening Information Dataset (OECD SIDS)
- ◆ European Commission (EC) Joint Research Centre
- ◆ European Union Risk Assessment Report (EU RAR)
- ◆ U.S. Environmental Protection Agency (US EPA)
- ◆ Agency for Toxic Substances and Disease Registry (ATSDR)
- ◆ National Toxicology Program (NTP)
- ◆ ChemIDplus
- ◆ Chemical Carcinogenesis Research Information System (CCRIS)
- ◆ GENE-TOX Data
- ◆ NITE Chemical Risk Information Platform (NITE-CHRIIP)
- ◆ NICNAS-Priority Existing Chemical (PEC) assessment
- ◆ National Industrial Chemicals Notification and Assessment Scheme

本署「健康風險評估技術規範」建議採用資料庫及優先次序包括：

- ◆ 美國環保署IRIS資料庫
- ◆ 美國能源總署RAIS資料庫
- ◆ WHO CICAD
- ◆ 美國環保署PPRTVs資料庫
- ◆ ATSDR資料庫
- ◆ 美國環保署HEAST資料庫
- ◆ 美國加州環保署 Cal EPA Toxicity Criteria資料庫



具體作法





國際資料接收

- ◆ 以甲基異丁酮登錄文件「7.2.對水生藻類及藍綠藻的毒性」為例，化學物質の環境リスク初期評価「メチルイソブチルケトン」引用之1990年Kühn及Pattard等人研究結果，為最符合CNS 15030規定資料型態條件，且為日本、美國、OECD等共同引用之資料來源。
- ◆ 利用Google Scholar搜尋該文獻，點選即可閱讀論文摘要。

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Kühn and Pattard 1990

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R Kühn, M Pattard - Water Research, 1990 - Elsevier
In the *Scenedesmus* cell multiplication inhibition test, 68 potentially hazardous substances were examined to determine the effect concentrations (EC). The tests were conducted in accordance with the test procedure DIN 38 412, Part 9 (draft standard). The green alga *Scenedesmus subspicatus* CHODAT was cultivated as the test organism. Twenty-five substances were examined according to the standardized test procedure. The procedure was modified somewhat for the examination of volatile and/or strongly smelling substances ...
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Twenty-five substances were examined according to the standardized test procedure. The procedure was modified somewhat for the examination of volatile and/or strongly smelling substances. For 21 of the tested substances the concentrations for the 72 h and/or 48 h EC_{10} values were in the concentration range 0.0001-2 mg l⁻¹. Thus, they prove...

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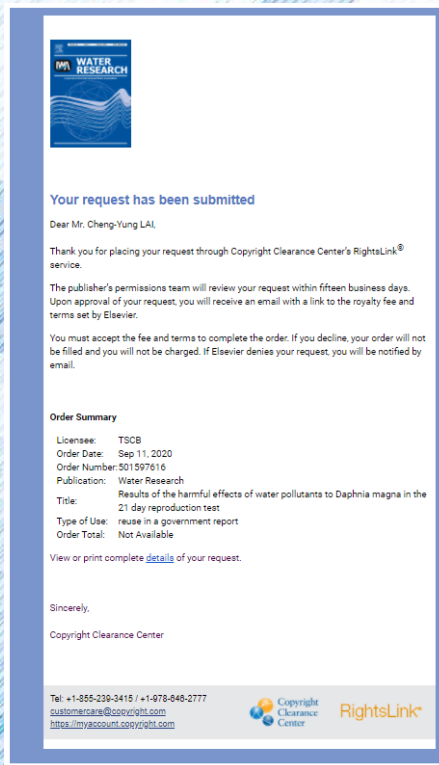
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