

臺灣永續發展教育現況探討及行動策略之芻議

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摘要

聯合國教科文組織於 2005 年開始推動聯合國永續發展教育十年計畫，許多國家參與、擬定政策及提出推動成果，臺灣是否跟進國際趨勢，積極推動永續發展教育？若要推動，其行動策略應為何？本研究以此二個提問，透過文獻分析及內容分析方法，探討聯合國永續發展教育之精神內涵，日本、韓國、荷蘭三個國家永續發展教育政策，評析臺灣永續發展教育之現況。以永續發展教育建立在環境教育基礎上的立論，建議成立領導單位，訂定國家級的政策，推廣理念及內涵，運用環境教育法，整合既有的中央各部會及地方環境教育作為基礎，將永續的內涵及運作方式進入社會學習與學校教育，及培養永續發展教育人才，來當作臺灣永續發展教育的行動策略。

關鍵字： 永續發展教育、行動策略、聯合國永續發展教育十年

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計畫得以在短短八個月，完成此臺灣永續發展教育草案及赴日參與聯合國永續發展教育十週年的佈展與國際的交流。

柒、參考文獻

行政院國家永續發展委員會(永續會)(2013)。102年國家永續發展年報。取自

http://nsdn.epa.gov.tw/Nsdn_ListA_Page.aspx?midnb1=DD&midnb2=D4&midnb3=0&midnb4=0

行政院國家永續發展委員會(永續會)(2014a)。本會介紹。取自

http://nsdn.epa.gov.tw/Nsdn_Article_Page.aspx?midnb1=BB&midnb2=B1&midnb3=0&midnb4=0

行政院國家永續發展委員會(永續會)(2014b)。永續發展政策綱領。取自

http://nsdn.epa.gov.tw/Nsdn_Article_Page.aspx?midnb1=BB&midnb2=B4&midnb3=0&midnb4=0

行政院國家永續發展委員會(永續會)(2014c)。「永續發展行動計畫」102年下半年辦理情形。取自 <http://nsdn.epa.gov.tw/Files/Status/102020.pdf>

行政院國家永續發展委員會(永續會)(2015年11月)。聯合國永續發展議程之研訂。

永續發展電子報(第9期)。取自

<http://nsdn.epa.gov.tw/Files/Newsletter/9Newsletter.pdf>

行政院環境保護署(2014)。102年版環境教育白皮書-第二篇。取自

<http://www.epa.gov.tw/mp.asp?mp=epa>

王之佳、柯金良(譯)(1987)。我們共同的未來(原作者：World Commission on Environment and Development)。臺北市：臺灣地球日。

中華民國數位學習學會(2012)。資訊及科技教育白皮書。臺北市：教育部。

中華民國環境教育學會(2015)。邁向永續臺灣：臺灣環境教育的成果與展望。臺北市：行政院環境保護署。

高翠霞(2012)。教育部永續發展教育內涵與規劃案期末成果報告。臺北市：教育部。
財團法人環境資源研究發展基金會(2015 年 10 月 13 日)。簽署 2030 年永續發展議程

—日本：永續發展目標座談會會議資料。臺北市：行政院環境保護署。

蔡勳雄(2002)。永續發展的三合一指標。臺灣綜合展望，1，54-69。

Australian Public Service Commissioner (2012). Tackling Wicked Problems: A public policy perspective. Canberra: Australian Government. Retrieved from
<http://www.apsc.gov.au/publications-and-media/archive/publications-archive/tackling-wicked-problems>

Japan Ministry of the Environment (2009). *UNDESD Japan report—Establishing enriched learning through participation and partnership among diverse actors*. Ministry of the Environment, Tokyo. Retrieved from
<http://www.mofa.go.jp/policy/environment/desd/report0903.pdf>

Tilbury, D. & Mulà, I. (2009). *Review of education for sustainable development policies from a cultural diversity and intercultural dialogue: Gaps and opportunities for future action*. Paris: UNESCO.

Tilbury, D. (2011). *Education for sustainable development: An expert review of processes and learning*. Paris: UNESCO.

United Nations Educational, Scientific and Cultural Organization (UNESCO) (2005). *United Nations decade of education for sustainable development (2005-2014): International implementation scheme*. Paris: Author.

United Nations Educational, Scientific and Cultural Organization (UNESCO) (2010). *Education for sustainable development lens: A policy and practice review tool*. Retrieved from <http://unesdoc.unesco.org/images/0019/001908/190898e.pdf>

United Nations Educational, Scientific and Cultural Organization (UNESCO) (2013, June). *Education for sustainable development: A sound investment to accelerate African development*. Retrieved from <http://i.unu.edu/media/unu.edu/event/35442/TICAD-V->

Side-Event-UNESCO_1.pdf

United Nations Educational, Scientific and Cultural Organization (UNESCO) (2014a).

Roadmap for implementing the global action programme on education for sustainable development. Retrieved from

<http://unesdoc.unesco.org/images/0023/002305/230514e.pdf>

United Nations Educational, Scientific and Cultural Organization (UNESCO) (2014b).

Shaping the future we want: UN decade of education for sustainable development (2005-2014) final report. Retrieved from

<http://unesdoc.unesco.org/images/0023/002301/230171e.pdf>

Waal, M. E. van der (2011). Reviewing national experiences from the Netherlands. In I. Mulá & D. Tilbury (Eds.), *National journeys towards education for sustainable development* (pp. 77-102). Paris: UNESCO.

Wals, A. E. J. (2009). *Review of contexts and structures for education for sustainable development: Learning for a sustainable world 2009.* Paris: UNESCO. Retrieved from <http://unesdoc.unesco.org/images/0018/001849/184944e.pdf>

Wals, A. E. J. (2012). *Shaping the education of tomorrow: 2012 full-length report on the UN Decade of Education for Sustainable Development.* Paris: UNESCO.

민동석(2013)。지속가능발전교육 10 년(DESD) 국가 보고서 작성 연구 최종보고서。서울시 중구 명동길(유네스코길)。【閔東石(2013)。永續發展教育 10 年(DESD) 國家報告書撰寫研究最終報告書。首爾：聯合國教科文組織。】

岩本涉(2013)。文部科学省における E S D取り組み-あなたの毎日が、未来になる-。
RIMSE , 6 , 5-7 。

環境省総合環境政策局環境教育推進室(2013)。環境省における ESD 取り組み。
RIMSE , 6 , 8-10 。

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Examining the Status of Education for Sustainable Development in Taiwan and Its Action Plan

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Abstract

The UNESCO initiated the Decade of Education for Sustainable Development (UNDESD) in 2005. Many countries joined this project, generating national policies and presenting their outcomes. The question is that if Taiwan has been following the international trend of promoting the Education for Sustainable Development (ESD). If this is the case, what should be the strategy for now and for the future? This research aims to discuss these questions through literature review and content analysis. Besides investigating into the meaning and contents of ESD, the promotion experiences of ESD in Japan, Korea and the Netherlands are also studied. Considering to construct the ESD action plan on the basis of the existing environmental education (EE), it is suggested that the action plan for the ESD in Taiwan needs to be developed in multiple ways by leading units. These leading units should be developing ESD policy at the national level, establishing national or interdepartmental bodies for coordinating ESD policies and their implementation. Moreover, they should clarify the concepts of sustainable development and ESD, integrate EE-related central and local governmental agencies, implant ESD into social learning and formal education system, and work on empowering educators and facilitators.

Key words: education for sustainable development, action plan, UNDESD

