

ProQuest Central Premium:

What's our mission

全方面解決整個校園的基礎性、多學科、多格式問題

ProQuest Central Premium

一個整合多種領域和內容格式的研究平台，從大學生到專業學者都能用。



提供大量的全文內容，包括超過14,000本各學科的學術期刊，以及來自近2,000個來源的本地、國內和國際新聞報導。



內容涵蓋與各學科課程相符的主題，幫助從大一新生到學術研究者都能順利學習與研究。平台還提供影片、電子書、索引與摘要資源、原始文獻等豐富內容。



持續擴充的基礎資源，提供全校師生都能使用的完整內容。



匯聚 ProQuest One 系列產品的多樣內容與先進功能，提供涵蓋教育、商業、心理學與永續發展等關鍵領域的核心資源。以直觀易用的介面，搭配課程導向的學科架構，全面支援教學、學習與研究活動。





最新首頁畫面

ProQuest Central Premium

Basic Search | Advanced Search | Publications | Change databases

All | Scholarly Journals | Books | Newspapers | All source types

Enter search terms...

Full text | Peer Reviewed

Scholarly Journals

Find top peer-reviewed journals from over 175 subject areas including the humanities, business, healthcare, science, and more.

The Lancet; London | Management Decision; London | MIT Sloan Management Review;...

Browse all Scholarly Journals

Essential Newspapers

Read the latest news from important local, national, and international sources

The New York Times, Late Edition (East... | The Washington Post;... | Financial Times; London (UK)

Browse all Newspapers

Also Available to You

- ProQuest One Applied & Life Sciences
- ProQuest One Business
- ProQuest One Education
- ProQuest One Health & Nursing
- ProQuest One Psychology
- ProQuest One Religion & Philosophy
- ProQuest One Social Sciences
- ProQuest One Sustainability
- Global Newsstream
- Research Library
- Canadian Business & Current Affairs Database

ProQuest Central is the largest single periodical resource available, bringing together complete databases across all major subject areas, including Business, Health and Medical, Language and Literature, Social Sciences, Education, Science and Technology, as well as core titles in the Performing and Visual Arts, History, Religion, Philosophy, and includes thousands of full-text newspapers from around the world.

To see what's new in ProQuest Central click here.

Coverage: 1970 - current

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Try one of these options:

- Search the online [Help](#).
- [Discover](#) answers to common questions at ProQuest's Product Support Center.
- [Contact Support](#) if you need further

ProQuest Central Premium 的功能與內容升級，進一步強化資源深度與廣度，為學術機構提供更具價值的研究與教學支援。

提供更多多元格式內容與功能，助力知識探索與理解深化



ProQuest One Disciplines (8)

ProQuest Central Premium 平台可進行跨資料庫搜尋

精心策劃、符合作業與課程需求的學科內容

提供更多多樣格式的學科資源

涵蓋領域包括：商業、心理學、教育、永續發展、應用與生命科學、健康與護理、宗教與哲學、社會科學



ProQuest 研究助理

採用 AI 技術，並以負責任的方式作為研究夥伴

提供文件洞察分析

搜尋輔助工具

2025 年將推出更多新功能



A&I 內容

新增書目索引

支持跨多學科的先進研究

可靠地發現相關文獻

Clarivate Academic AI

科睿唯安學術AI發展策略



投過值得信賴的AI工具持續 拓展研究與教育的可能性

我們將致力於：

維護研究誠信 Driving research integrity

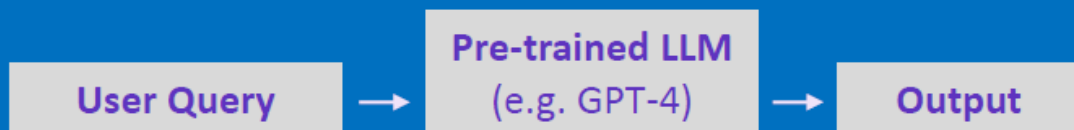
提升學習成效 Advancing learning outcomes

增進研究生產力 Improving productivity

綜合大型語言模型

Training data: “The Web”

- Unspecific, not transparent
- BUT, effective at training the LLM to:
 - Understand patterns
 - Create coherent text outputs
 - Translate

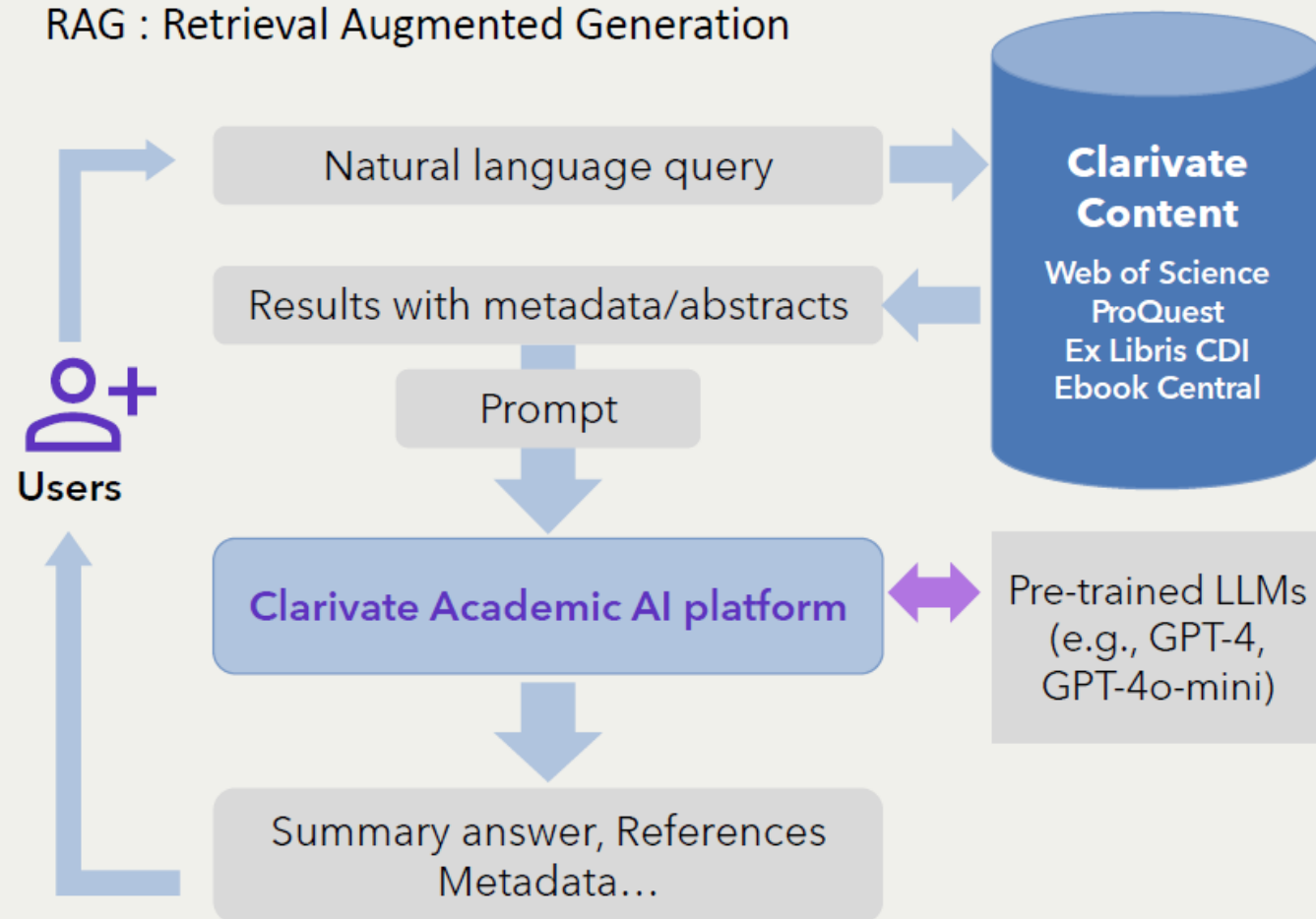


Academic AI:

以可信賴的資料為依據產生結果

- 基於可信的事實與資訊產出結果
- 最小化AI幻覺與偏見

RAG : Retrieval Augmented Generation



融合學術界觀點的AI責任原則



下一波的AI浪潮已然到來





ProQuest One Disciplines

ProQuest One Disciplines

ProQuest One 八大學科解決方案，提供多格式內容，專門滿足各學科需求。

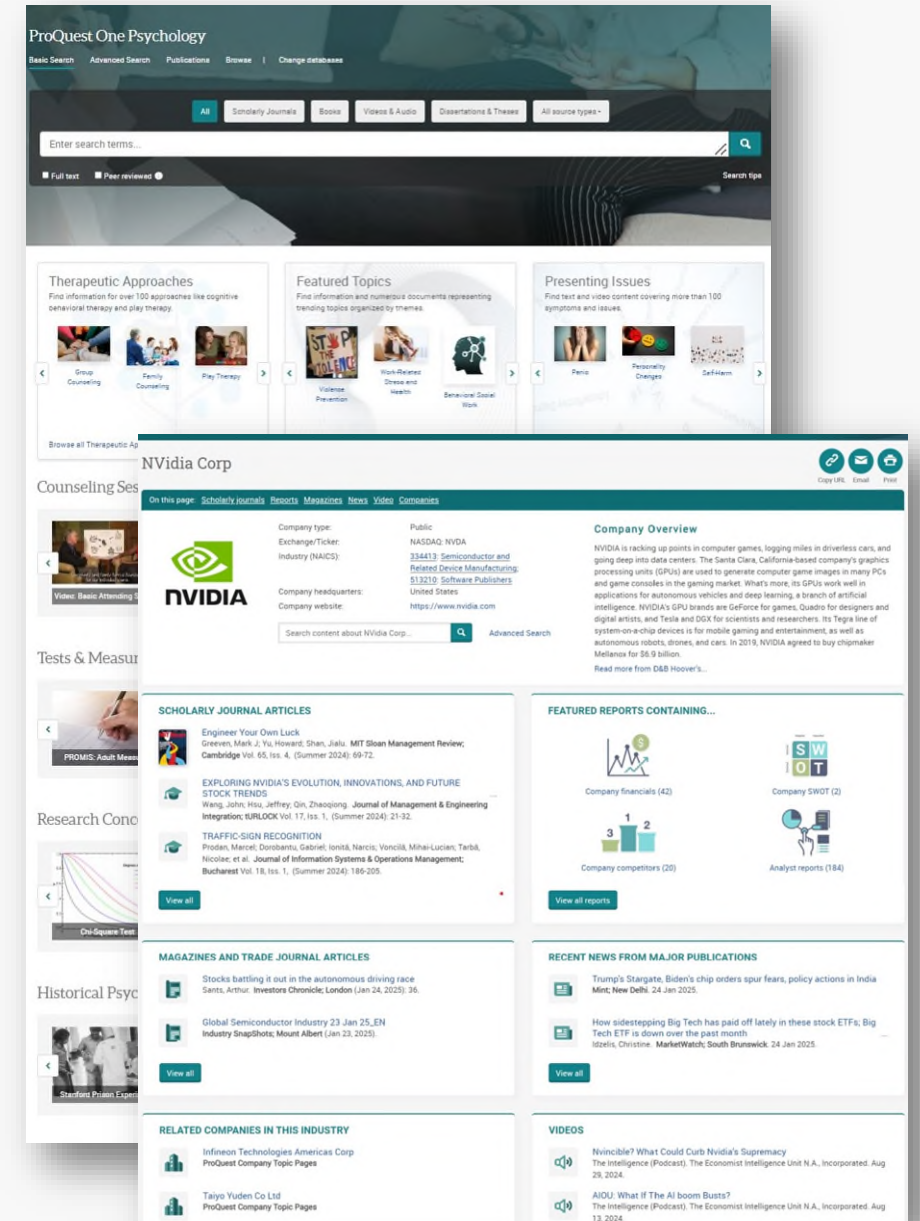
ProQuest Central Premium 平台支援跨庫搜尋，也可獨立存取。

提供精心設計、專注於作業需求且與課程大綱緊密結合的學科導向方法，全面支援研究、教學與學習。

結合主題頁與多格式內容（包含影片、電子書、期刊及原始資料）針對各學科的特定需求量身打造

為學生與研究者提供關鍵資源，助力卓越表現

- Business
- Psychology
- Health & Nursing
- Applied & Life Sciences
- Sustainability
- Education
- Social Sciences
- Religion & Philosophy



ProQuest Central Premium 新增內容重點概覽

ProQuest One 學科解決方案新增多格式內容，專門針對各學科需求打造

ProQuest One Business

- J. P. Morgan Research
- 創業資源收藏
- 提供 4,000 個涵蓋公司與產業的主題頁
- 商業電子書資源訂閱方案

ProQuest One Psychology

- 2,500+ 則的影片
- 1,700+ 諮詢會談記錄
- 5,000+ 精選電子書
- 60k 碩博士學位論文
- 1,000+ 主題專頁

ProQuest One Social Sciences

- 包含索引與摘要 (A&I) 內容，涵蓋應用社會科學索引與摘要 (ASSIA)、教育資源資訊中心 (ERIC)、國家刑事司法參考服務 (NCJRS) 摘要、政策檔案索引、社會學摘要等多種資料庫。

ProQuest One Applied & Life Sciences

- 包含索引與摘要 (A&I) 內容，涵蓋先進技術與航空航天索引、生物科學索引、工程索引以及材料科學索引等多種資料庫。

ProQuest One Education

- 12,500+ 精選電子書
- 5,500+ 包含教學示範影片、原始影像資料及更多內容
- 110,000+ 碩博士學位論文
- 內容已納入 ERIC 索引資料庫
- 800+ 主題專頁

ProQuest One Sustainability

- 《Nature Sustainability》期刊 (自然永續發展)
- CABI 案例系列學術期刊
- 500+ 主題專頁
- 永續發展電子書資源庫
- 37,000+ 碩博士學位論文
- 包含索引與摘要 (A&I) 內容，涵蓋 AGRICOLA 資料庫

ProQuest One Health & Nursing

- 包含索引與摘要 (A&I) 內容，涵蓋英國護理索引 (British Nursing Index)、ComDisDome、MEDLINE、運動醫學與教育索引 (Sports Medicine & Education Index) 等多種資料庫。
- 《教育影像庫》與《臨床護理技能影像庫》

ProQuest One Religion & Philosophy

- 哲學研究資源收藏
- 包含以下原始文獻內容：
 - 經典新教文獻數位圖書館、天主教改革 (資源/文獻)
 - 二十世紀宗教思想圖書館：第一卷至第五卷
 - 宗教雜誌檔案庫
 - 《聖徒行傳》、《拉丁教父著作集》及《路德作品集》



ProQuest Research Assistant

ProQuest Research Assistant

運用 AI 強大技術，並以負責任且可靠的方式，作為學生的研究夥伴。

- 輕鬆打造更精準且有效的搜尋策略。
- 更有效地檢視、分析及深入探討文件內容。
- 快速評估每份文件對研究的實用性。
- 提供後續指引，如選擇研究主題及理解文件中的關鍵概念。

The screenshot displays the ProQuest Central Premium interface. The main article is titled "Free exchange | Anti-environmentalists" from The Economist, dated March 16th 2024. The article discusses the NIMBYs (Not In My Backyard) opposition to new buildings on green grounds, highlighting the trade-off between carbon emissions and the embodied carbon of buildings. The article text includes: "NIMBYs often oppose new buildings on green grounds. In doing so, they increase carbon emissions" and "tion to ask is a simpler one: is it worth using the remaining carbon budget to refurbish a building or is it better to knock it down?".

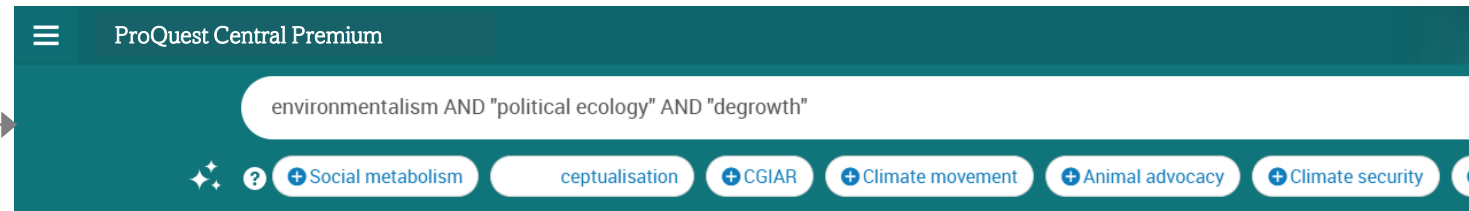
On the right side, the ProQuest Research Assistant sidebar is visible, providing AI-generated insights. It includes a "Brainstorm related research topics" section, a "Describe the important concepts" section, and a "Key takeaway" section. The key takeaway states: "Density lowers the per-person cost of public transport, which reduces car use and can lead to substantial emissions savings through policies like 'demolish and densify'." It also lists additional topics discussed in the text: "the broken-window fallacy, embodied carbon, and the impact of urban planning on emissions." The sidebar also provides a "Suggested sources" section, listing "Major CCS Pipelines Inch Closer to Reality" by Segrist, Sandy, Oil & Gas Investor, dated 01 Aug 2024.

自動生成同義詞及相關詞，協助用戶輕鬆構建結構化布林搜尋，並可一鍵新增相關詞彙。

洞察內容根據所檢視的文件量身定制，並提供關鍵重點，協助快速判斷文件相關性。

引導用戶進行後續有益的步驟，例如深入探討文件中討論的關鍵概念

根據文件內容，從建議的研究主題中進行選擇。



Here is the **key takeaway**.

Density lowers the per-person cost of public transport, which reduces car use and can lead to substantial emissions savings through policies like 'demolish and densify'.

Additional topics discussed in the text are: the broken-window fallacy, embodied carbon, and the impact of urban planning on emissions. These topics are significant for researchers as they highlight the complexities of environmental economics and the unintended consequences of construction policies.

Describe the **important concepts**.

Here are the **important concepts**.

1. **Green Alliance**: A pressure group in Britain advocating for environmental policies, particularly in relation to urban density and public transport. Its research supports the idea that increasing density can significantly reduce emissions over time, highlighting its influence on environmental policy discussions.
2. **Frédéric Bastiat**: A 19th-century economist known for his parable of the broken window, which critiques the

Brainstorm related **research topics**.

Here are related **research topics**.

1. Impact of urban density on emissions: Understanding how urban density affects transportation emissions is crucial for developing effective environmental policies.
2. Embodied carbon in construction: Researching the concept of embodied carbon is essential for evaluating the true environmental impact of building materials and construction practices.



A&I Content

A&I內容

書目索引支持高階研究，可靠地發現跨學科相關文獻



超過20個針對特定學科的索引與摘要（A&I）資料庫，內容來自權威資料庫：

- 涵蓋廣泛的學科領域
- 即時取得最新研究成果
- 精準且整合性的資料存取
- 完整的文獻回顧與結構化檢索
- 發掘灰色文獻（包含全文資源）



重點資料庫包括：

- MEDLINE
- ERIC
- AGRICOLA
- Sociological Abstracts
- Applied Social Sciences Index & Abstracts (ASSIA)
- And more

A&I詳細資訊

APPLIED & LIFE SCIENCES

- 先進技術與航空航天索引
- 生物科學索引
- 工程索引
- 材料科學索引

SUSTAINABILITY

- AGRICOLA 農業資料庫
- ASFA：水產科學與漁業摘要資料庫
- 環境科學索引
- 氣象與地球天體物理摘要
- HEALTH & NURSING
- 英國護理索引
- ComDisDome (溝通障礙資料庫)
- MEDLINE (醫學文獻資料庫)
- 運動醫學與教育索引
- PSYCHOLOGY
- PTSDpubs (創傷後壓力症候群文獻資料庫)

HUMANITIES & SOCIAL SCIENCES

- Applied Social Sciences Index & Abstracts (ASSIA)
- 應用社會科學索引與摘要
- ERIC
- Humanities Index (BHI)
- 人文學索引
- International Bibliography of the Social Sciences (IBSS)
- 國際社會科學書目
- Library & Information Science Abstracts (LISA)
- Linguistics & Language Behavior Abstracts (LLBA)
- 語言學與語言行為摘要
- National Criminal Justice Reference Service (NCJRS) Abstracts
- 國家刑事司法參考服務摘要
- PAIS Index
- Policy File Index
- Sociological Abstracts
- 全球政治學摘要



Appendix

ProQuest One Disciplines

ProQuest One生命科學資料庫

前瞻性的科學研究與學習

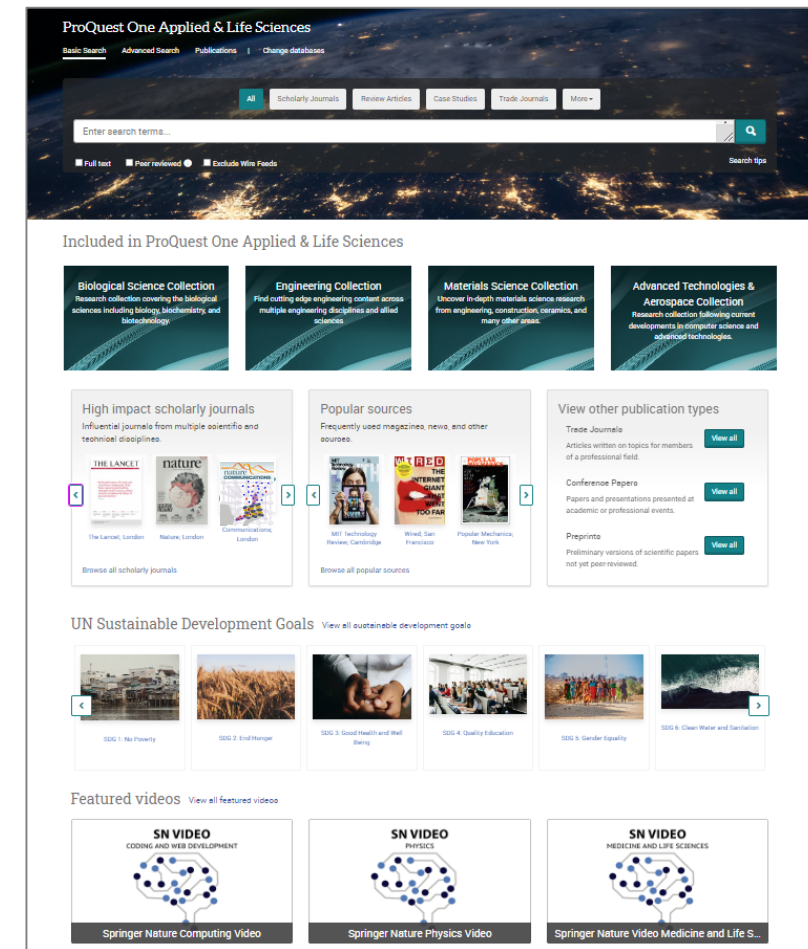
此資料庫收錄完整的全文資源，內容涵蓋學術期刊與技術報告，主題領域包括生物科學、工程學、材料科學與計算機科學等。資料庫亦提供專業研究工具，協助研究人員進行全面的文獻回顧，並取得最新研究成果與灰色文獻，充分支援深入且具前瞻性的學術探索。

Key benefits

- 收錄來自該領域最重要出版機構的大量全文資源，包括學術期刊、技術報告及政府出版品，內容豐富且具權威性，為研究與教學提供堅實支援。
- 提供高品質的文摘與索引 (A&I) 功能，使用者可高效篩選具影響力的研究文章，節省寶貴時間並提升研究效率。
- 內容多元，涵蓋學術期刊、研究報告、行業期刊、學位論文、會議論文、雜誌等各類資源。

Key Themes & Topics:

- | | | |
|-------------------------|-----------------------|---------------------|
| • AI & Computer Science | • Biological Sciences | • Materials science |
| • Animal Science | • Chemistry | • Mathematics |
| • Biotechnology | • Engineering | • Robotics |



At-a-glance

- | | |
|------------------|-----------|
| • 4,900 種學術期刊 | 14 萬篇學位論文 |
| • 1,500 種行業期刊及雜誌 | 30 萬份研究報告 |
| • 20 萬篇會議論文 | |

ProQuest One 商學

滿足商學院學生、教師與研究人員的多元需求。

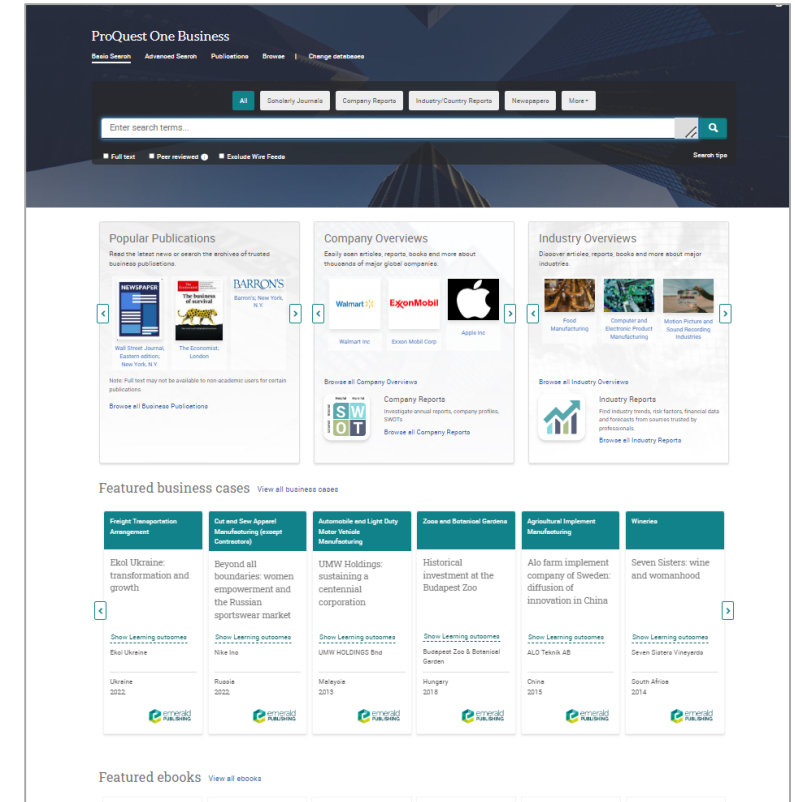
ProQuest One Business 是與教職員、學生及商業圖書館員合作開發的平台，結合實務與理論內容，並提供友善的操作介面，協助學生培養其課程與職涯所需的研究能力，提升學習成效。

Key Benefits:

- 此平台採用專為商業領域設計的獨特介面，協助學生輕鬆尋找完成常見作業所需的資訊，並提供全方位支援。此外，內建人工智慧驅動的 ProQuest 研究助理，進一步提升研究效率與準確度。
- 包含具權威性的多格式內容，涵蓋學術期刊、商業新聞、市場與產業報告、分析師報告、書籍、影片、案例研究等多元資源。
- 包含獨特的專業功能，如涵蓋4,000家全球企業與119個北美產業分類系統（NAICS）代碼的主題頁面，以及專為商業領域設計的分類詞庫。

Key Topics:

- | | | |
|--------------------|--------------------|-------------------|
| • Accounting & Tax | • Economics | • Human Resources |
| • Banking | • Entrepreneurship | • Management |
| • Business Law | • Finance | • Marketing |



At-a-glance

- 2,900 種全文學術期刊 130 個新聞來源
- 21,000 支影片 2,500 種雜誌與行業期刊
- 29,000 本圖書 55,000 篇學位論文
- 30,000 篇案例研究與商業案例

ProQuest One 醫學護理

銜接學術研究與實務醫療之間的橋樑

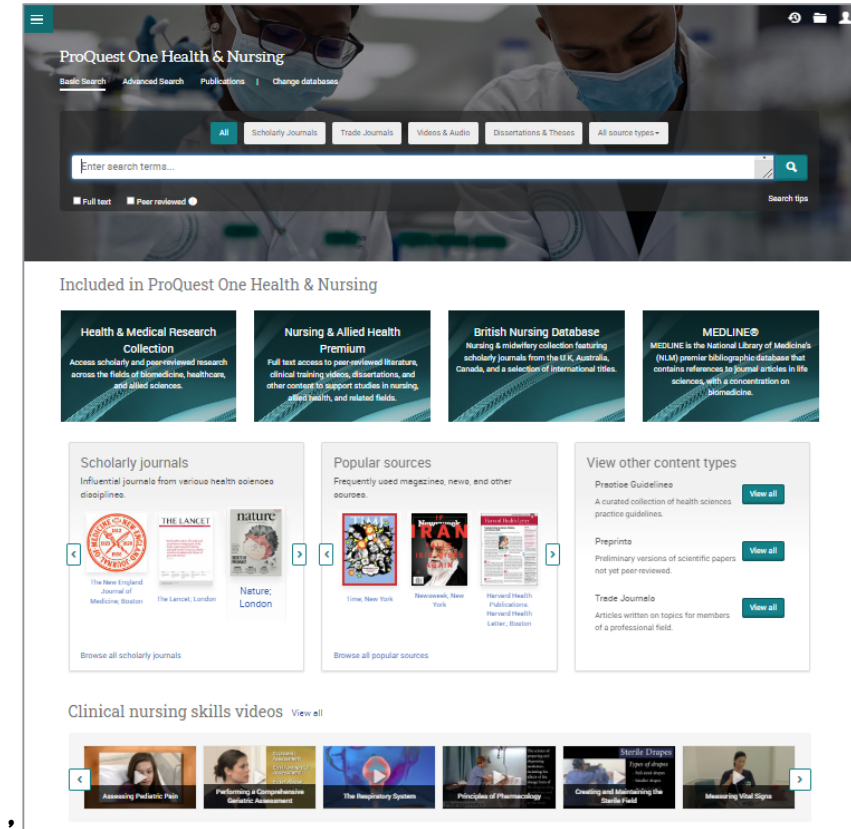
ProQuest One Health & Nursing 平台專為學生、教育者、研究人員及專業人士設計，提供獨特且多元的學術文獻、培訓內容及臨床參考資料。該平台涵蓋多樣化的資料來源及教學多媒體，有助於圖書館連結使用者與最新的醫療健康發展，支持其探索新領域、進行研究，並將理論與實務緊密結合。

Key benefits

- 持續獲取重要期刊資源：可取得《新英格蘭醫學雜誌》（The New England Journal of Medicine）、《英國醫學期刊》（BMJ）、《柳葉刀》（The Lancet）等領先刊物的全文內容，且解禁期較競爭對手更短。
- 全面的醫學資源整合：在單一平台中探索學位論文、學術期刊、報告及專書，提供豐富且多元的醫學資訊。
- 循證且實用的工具：可使用數千份系統性回顧、臨床試驗、專家研究及教學影片，支援研究工作，協助學生臨床實務準備，並促進理論與應用的銜接。

Key Themes & Topics:

- | | | |
|-----------------------|-------------------------|-----------------|
| • Allied Health | • Dentistry | • Nursing |
| • Biomedical Research | • Healthcare Management | • Pharmacology |
| • Clinical Medicine | • Medical Technology | • Public Health |



At-a-glance

- 2,900種學術期刊 | 65,000篇學位論文 | 700種行業期刊與雜誌 | 1,000支教學影片 | 200,000項循證且實用的工具

ProQuest One 永續

協助學生與研究人員共塑永續未來

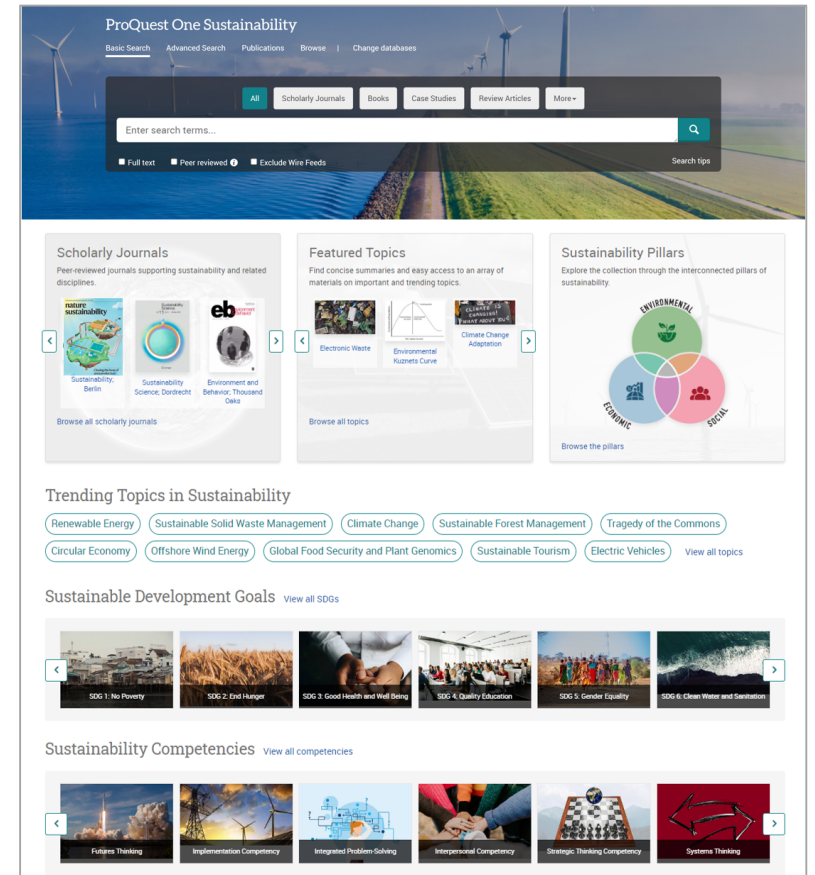
永續議題已成為當今最迫切且重要的挑戰之一，相關課程亦因應需求快速發展，以培育具備應對這些挑戰所需知識與技能的人才。ProQuest One Sustainability 與課程專家、教師、學生及圖書館員共同合作開發，匯集全球最大且多元的永續相關內容，並以專為永續領域設計的介面呈現，提供使用者最佳的學習與研究體驗。

Key Benefits:

- 豐富多元的資源，涵蓋期刊、書籍、報告、案例研究及學位論文，內容涉及從社會永續到綠色科技等各個領域。
- 獨特且專為永續議題設計的使用者體驗，旨在支持跨學科主題的學習、教學及研究需求。
- 結構依據常見的研究與教學重點，包括永續的三大支柱（環境、經濟及社會）以及聯合國永續發展目標

Key Themes & Topics:

- | | | |
|-----------------------|-------------------------|------------------------|
| • Atmospheric Science | • Environmental Health | • Sustainable Business |
| • Biodiversity | • Environmental Science | • SDGs |
| • Ecology | • Public Policy | • Urban Planning |



At-a-glance

- 持續提供1,500種學術期刊全文，包括《自然永續》（Nature Sustainability）
- 7,500冊圖書
- 40,000篇案例研究（含CABI案例）
- 37,000篇學位論文、及精選相關文章。

ProQuest One心理學

提供全面且使用者友善的心理學與輔導相關支援服務

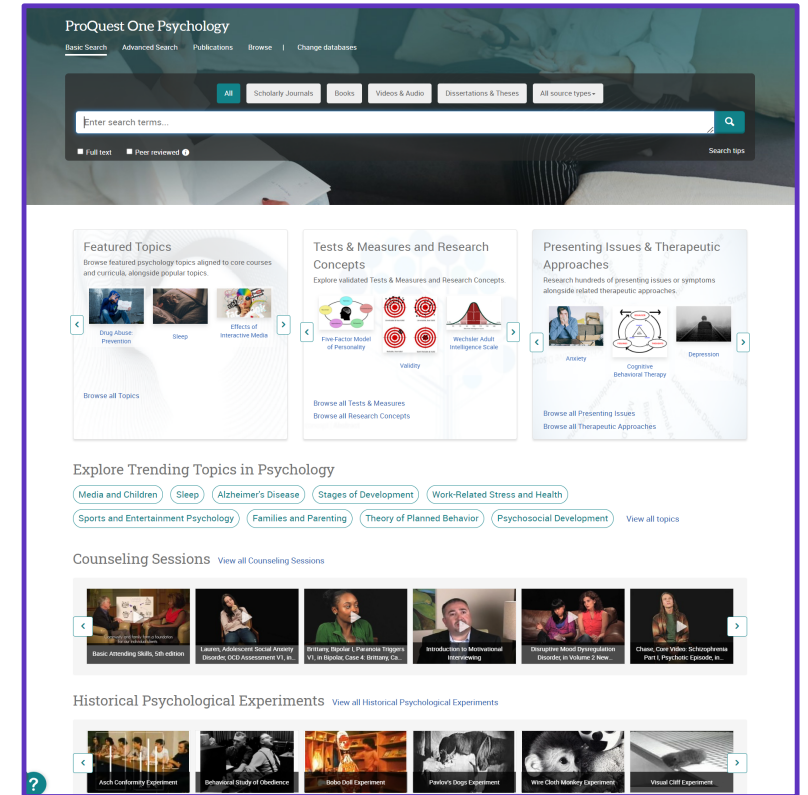
- 新冠肺炎疫情提高了對心理健康服務的需求，並促使心理學相關課程的入學人數增加，進而促使圖書館調整館藏，以滿足學者、學生及教職員日益增長的需求。ProQuest One Psychology 提供關鍵資訊，並透過專門設計的介面，支援教學、學習與研究領域中多樣化的需求。

Key Benefits:

- 權威內容涵蓋學術期刊、治療影片及輔導記錄，並提供文章、新聞及電子書。
- 專為學科設計的使用者體驗功能，包括數百個主題頁，為學生提供一站式的主題瀏覽，並協助教師制定課程內容及討論材料。
- 與美國心理學會（APA）資料庫的整合，確保訂閱的APA資料內容能無縫融合於ProQuest One Psychology的搜尋結果及主題頁中。

Key Themes & Topics:

- | | | |
|---------------|--------------------------|--------------------------|
| • Anxiety | • Depression | • Research Concepts |
| • Cognition | • Historical Experiments | • Tests and Measures |
| • Counselling | • Personality | • Therapeutic Approaches |



At-a-glance

1,100種全文學術期刊 | 2,500支影片 | 1,100份輔導會談紀錄 | 5,000冊圖書 | 1,100份檔案資料 | 70,000篇學位論文 | 100萬篇精選文章

ProQuest One 教育

全面支持教育領域的教學、學習與研究

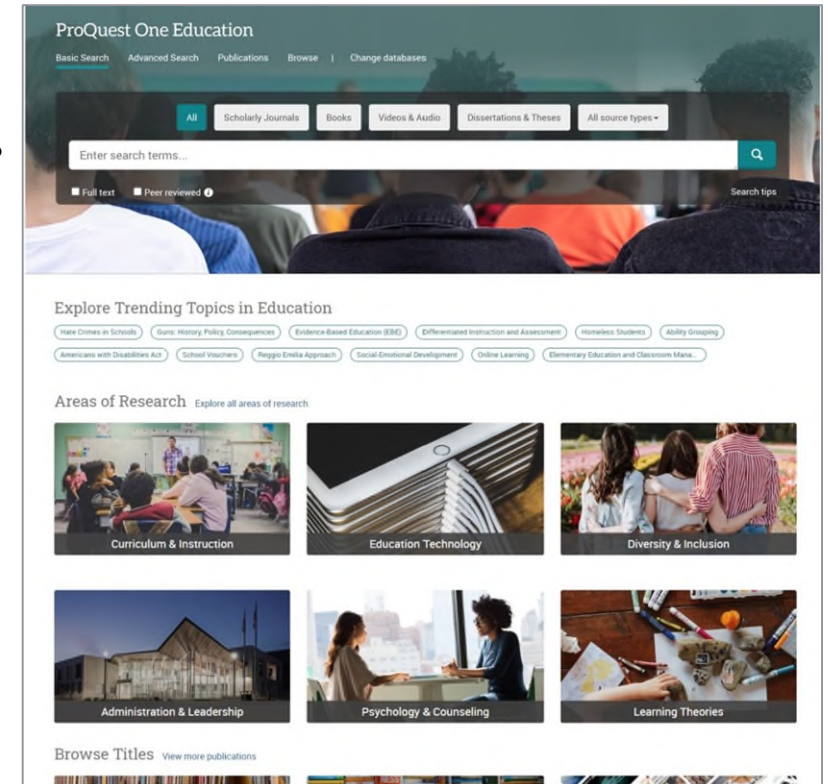
ProQuest One Education 將精心策劃的內容彙整於一個獨特介面上，以符合不同使用者類型的需求，並與常見的研究與學習領域相契合。基於ERIC詞庫的專業索引功能，使使用者能更快速且精確地找到所需資訊。

Key Benefits:

- 擁有數千種學術期刊、書籍、影片、報告、學位論文、新聞文章等豐富藏量。
- 獨特且直覺的使用者體驗專為教育領域量身打造，協助學生與研究人員快速取得經過精選的內容，以完成研究任務與作業。
- 唯一一個涵蓋多格式全文資料庫，並使用教育領域權威檢索詞庫——ERIC詞庫，對所有收錄內容進行索引。

Key Themes & Topics:

- | | | |
|-------------------------------|--------------------------------|---------------------|
| • Administration & Leadership | • Education Technology | |
| • Curriculum & Instruction | • Educational Psychology | • School Counseling |
| • Education Policy | • English as a Second Language | • Special Education |
| | | • Teacher Training |



At-a-glance

1000種全文學術期刊 | 5,500部影片 | 12,500本書籍 | 11萬篇論文 | 含ERIC所有內容 | 20萬篇新聞文章 | 16萬份研究報告

ProQuest One 社會科學

涵蓋社會科學各領域的國際文獻，透過單一檢索平台提供，簡化跨學科研究流程。

- 結合ProQuest知名且專有的摘要與索引資料庫與全文檔案
- 為研究人員提供最高價值與多元內容，支持跨學科研究需求
- 讓使用者能從單一入口開始研究，並根據需要深入至特定學科資料庫

Highlights:

- 多元內容類型包括期刊、專業刊物、雜誌、報告及論文，支持各類作業與研究需求
- 收錄Palgrave Macmillan、Springer Nature、Cambridge University Press、Emerald及Johns Hopkins University Press等頂尖出版社的重要刊物，確保使用者能獲取具影響力的研究成果
- 具學科專屬詞庫，提升檢索精確度，有助於文獻回顧及系統性評析

Key Themes & Topics:

- | | | |
|-------------------|---------------------------|-----------------|
| • Anthropology | • Linguistics | • Public Policy |
| • Criminology | • Political Science | • Social Work |
| • Library Science | • International Relations | • Sociology |



At-a-glance

3,900種全文資源 | 2,000家內容合作夥伴 |
2,250萬筆資料紀錄

ProQuest One 宗教哲學

探索宗教與哲學對人類歷史、社會與文化的影響。

ProQuest One Religion & Philosophy 為研究人員與學生提供工具，探討宗教與哲學對人類歷史、社會與文化的影響。該平台結合數百種全文期刊、新聞資源及論文，並整合十一個獨特的原始資料庫，全面追溯宗教思想在數世紀及多種傳統中的演變歷程。

Key benefits

- 龐大的原始資料收藏。收藏內容包括《二十世紀宗教思想圖書館》第一至第五卷、《聖徒行傳》(Acta Sanctorum)、《拉丁教父文集》(Patrologia Latina)、《路德作品集》(Luthers Werke)、《天主教改革數位圖書館》以及《經典新教文本數位圖書館》。
- 超過兩百萬頁的原始資料，涵蓋基礎經典文本、專著、檔案信件、宗教雜誌、批評分析、論述與小冊子、講道稿及講座內容。
- 此外，還包含期刊、論文、雜誌及影片等多元內容。

Key Themes & Topics:

- | | | |
|------------------|---------------|-----------------------|
| • Anthropology | • Ethics | • Religious history |
| • Church fathers | • Logic | • Religious magazines |
| • Epistemology | • Metaphysics | • Saints |



At-a-glance

超過200萬頁原始資料 | 440種學術期刊 | 1.6
萬篇論文 | 串流影片 | 50種雜誌

全球新聞資源庫

頂尖的即時新聞報導，並提供超過40年的歷史檔案資料。

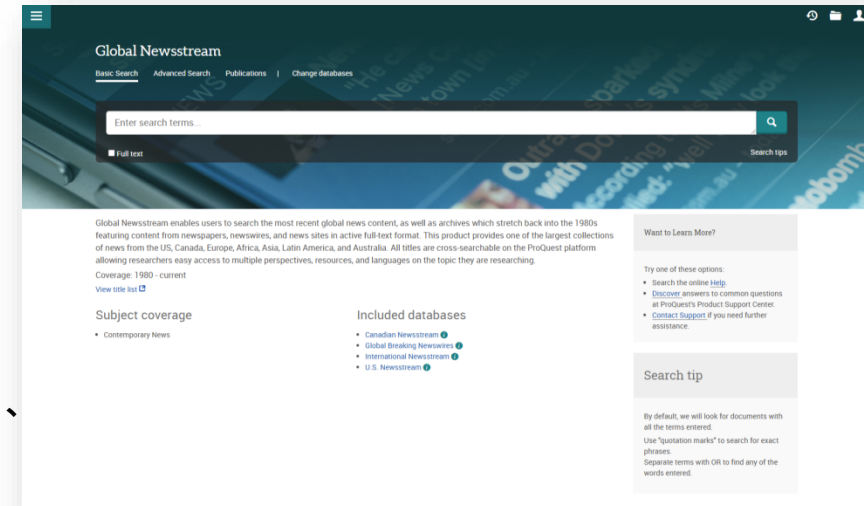
全球新聞資源庫是圖書館獲取當代全球新聞的頂尖來源，整合了ProQuest的美國、加拿大及國際新聞資源庫。研究人員可使用近2,000種全文新聞來源，包括報紙、新聞電訊、廣播稿及網站，並擁有可追溯至1980年代的龐大歷史檔案，為研究提供珍貴的歷史脈絡。

Highlights:

- 頂尖全球新聞媒體：涵蓋數百家美國與加拿大重要日報，包括《紐約時報》、《華爾街日報》及《環球郵報》，以及領先的國際媒體如《衛報》、《世界報》、《印度時報》與《時代報》。
- 多格式呈現：廣泛收錄數位、印刷及影片新聞資源。
- 研究工具：利用ProQuest Research Assistant——一款由人工智慧驅動的工具，能夠提取文件重點並建議後續研究方向，並提供詳細索引、引文工具及多語言翻譯選項。

Key Themes & Topics:

- | | | |
|---------------------|-------------------|---------------------|
| • Business Trends | • Economic Policy | • Political Systems |
| • Climate Change | • Human Rights | • Social Justice |
| • Consumer Behavior | • Media Coverage | • World Affairs |



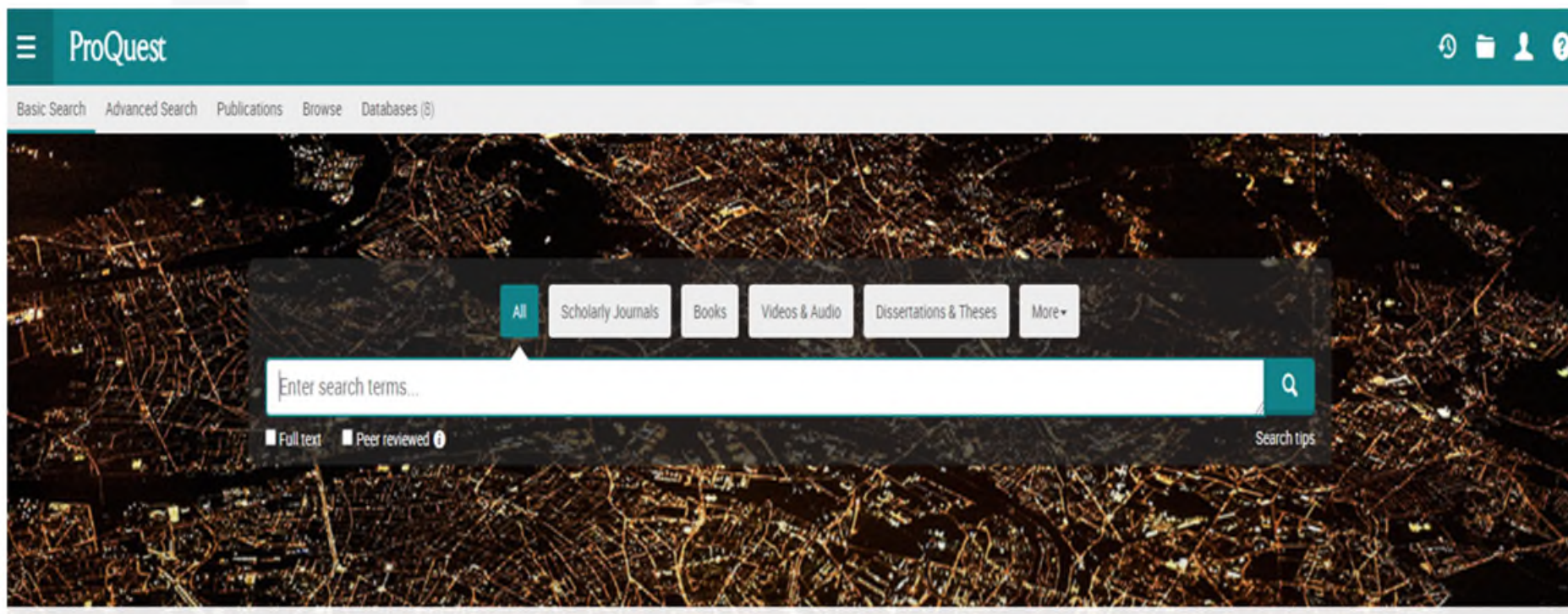
At-a-glance

近2,000種全文資源 | 1980年至今 | 超過40年資料 | 三大資源庫合輯

ProQuest 平臺檢索及利用

<https://www.proquest.com/> 支援電腦和行動載具，無需安裝APP；

使用注意是否在學校IP範圍內，不再許可之IP範圍內，需先登入學校校外認證系統
跨庫檢索平臺，提供中文檢索介面



基本檢索

ProQuest平臺

基於檢索的相關性和全面性
檢索算符運用舉例：

案例：rice genome
variation

更多幫助點擊：[檢索技巧](#)

The screenshot shows the Biological Science Database search results for the query "Rice genome variation". The search bar at the top contains the query. Below the search bar, there are several filter buttons: "Genetic diversity", "Plant breeding", "Genome mapping", "Crop resilience", "Molecular markers", "Phenotypic variation", "Environmental adaptation", "Genomic selection", and "Biotechnology". The results section shows 106,013 results. On the left, there is a sidebar with filters: "排序方式" (Sort by) set to "關聯性" (Relevance), "限制在" (Limit to) with checkboxes for "全文" (Full text) and "同儕評審" (Peer reviewed), and "來源類型" (Source type) with a list of categories: "學術期刊" (103,674), "雜誌" (33), "商業期刊" (4), "報告" (13), "部落格、Podcast 及網站" (3), and "更多" (More). The main results area displays two articles. The first article is titled "The pan-tandem repeat map highlights multiallelic variants underlying gene expression and agronomic traits in rice" and is from Nature Communications. The second article is titled "A map of rice genome variation reveals the origin of cultivated rice" and is from Nature. Both articles have a "全文" (Full text) button and a "PDF" button.

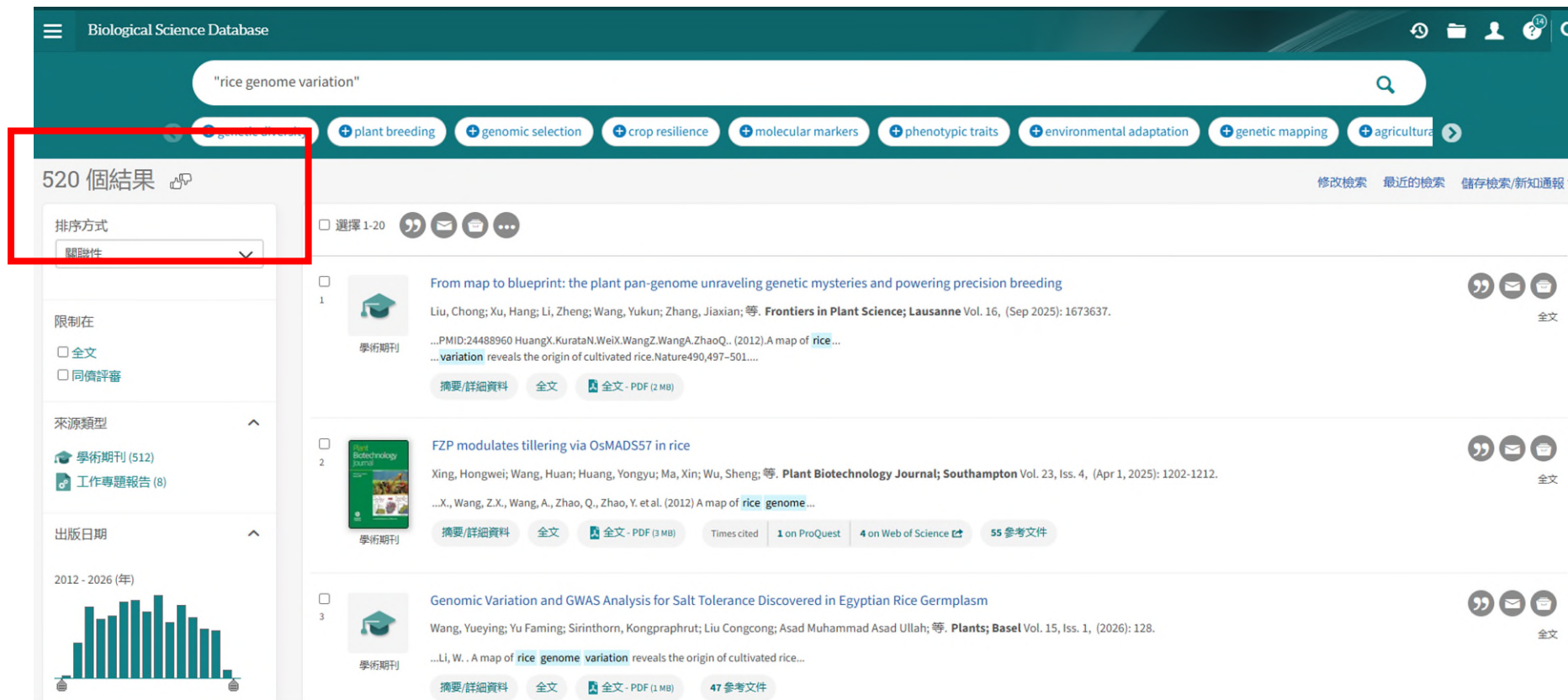
檢索rice genome variation默認為檢索 rice and genome and variation ,檢索結果多，但準確性會欠缺

ProQuest平臺

基於檢索的相關性和全面性
檢索算符運用舉例：

案例：“rice genome variation”

更多幫助點擊：[檢索技巧](#)



檢索“rice genome variation”，加“ ”為片語檢索，可以提供檢索結果的準確性，但會排除大量相關結果

基本檢索

ProQuest平臺

基於檢索的相關性和全面性
檢索算符運用舉例：

案例：rice genome
variation

更多幫助點擊：[檢索技巧](#)

Biological Science Database

rice near/5 "genome variation"

583 個結果

排序方式

限制在

來源類型

出版日期

Genomic diversity of *Ligularia* revealed by complete plastid genomes and nuclear ribosomal DNAs from 16 collections in Korean Peninsula and Mt. Hallasan

Ju-Young, Ahn; Seon Heui Jeong; Jong-Soo, Kang; Jee Young Park; Yeon Jeong Kim; 等. *PLoS One*; San Francisco Vol. 21, Iss. 2, (Feb 2026): e0343215.

學術期刊

From map to blueprint: the plant pan-genome unraveling genetic mysteries and powering precision breeding

Liu, Chong; Xu, Hang; Li, Zheng; Wang, Yukun; Zhang, Jiaxian; 等. *Frontiers in Plant Science*; Lausanne Vol. 16, (Sep 2025): 1673637.

學術期刊

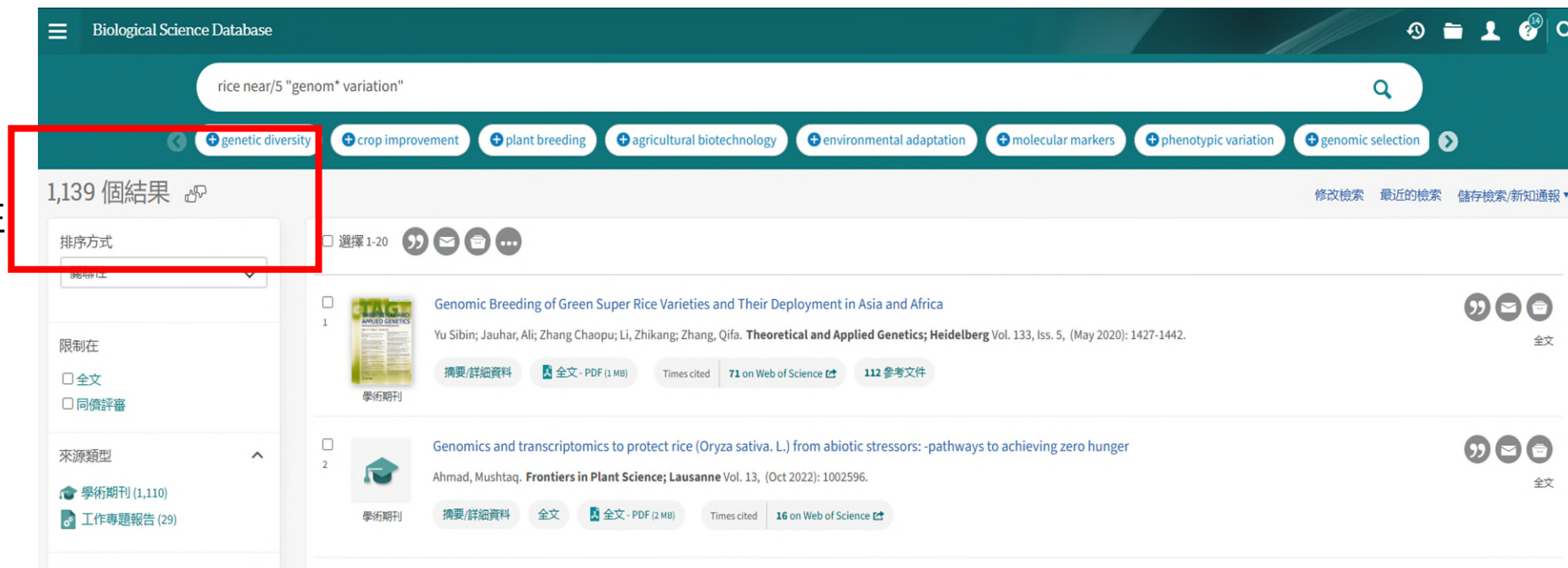
檢索rice near/5 " genome variation" 加位置算符near/可檢出含5個詞間距且排序可能顛倒，例如genome variation reveals the origin of cultivated rice，在保證檢索結果準確性上可以提高全面性。位置算符pre/ 則限定了詞的先後順序

ProQuest平臺

基於檢索的相關性和全面性
檢索算符運用舉例：

案例：rice genome
variation

更多幫助點擊：[檢索技巧](#)



檢索rice near/5 " genom* variation" 加截詞符*可檢出詞根相同
詞尾不同的詞，，例如genomic variation in cultivated and wild
rice，在保證檢索結果準確性上可以提高全面性。 位置算符pre/ 則
限定了詞的先後順序

基本檢索 - 主題解析獲取更多研究文獻

為提供檢索的準確性和全面性，還需要考慮進行概念的解析，相關詞的運用等，例如 rice* and (genom* near/2 (Variation or chang* or shuffling or mutation))

Biological Science Database

rice* and (genom* near/2 (Variation or chang* or shuffling or mutation))

+ genetic diversity + plant breeding + crop improvement + genomic selection + phenotypic variation + molecular markers + environmental stress + agricultural biotechnology

24,972 個結果

修改檢索 最近的檢索 儲存檢索/新通報

排序方式
關聯性

限制在
☐ 全文
☐ 同儕評審

來源類型
學術期刊 (24,162)
雜誌 (9)
商業期刊 (3)
報告 (3)
會議專題報告與記錄 (8)
更多 >
View as chart

出版日期

選擇 1-20

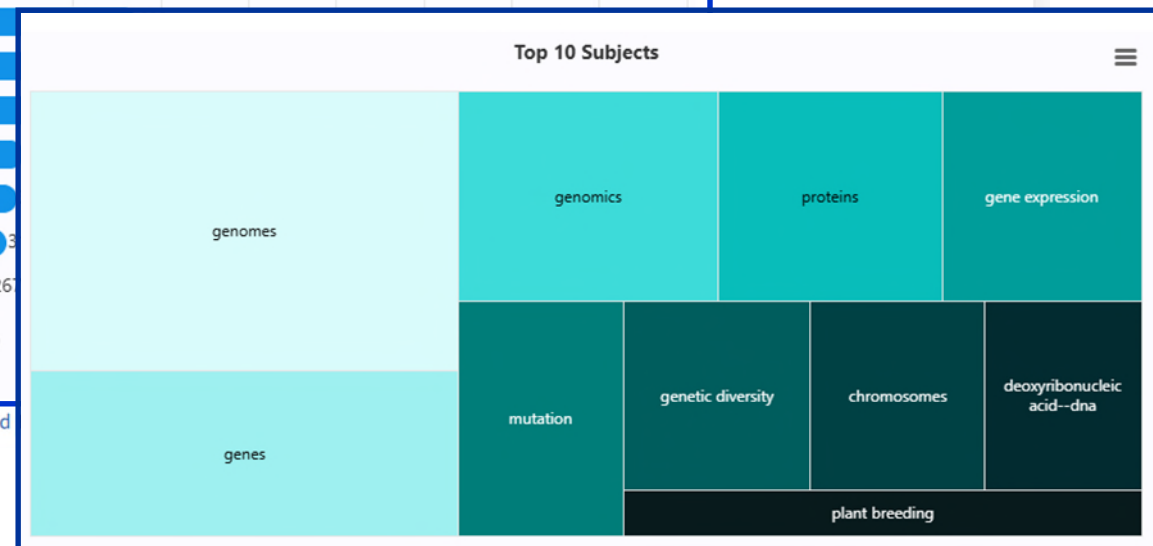
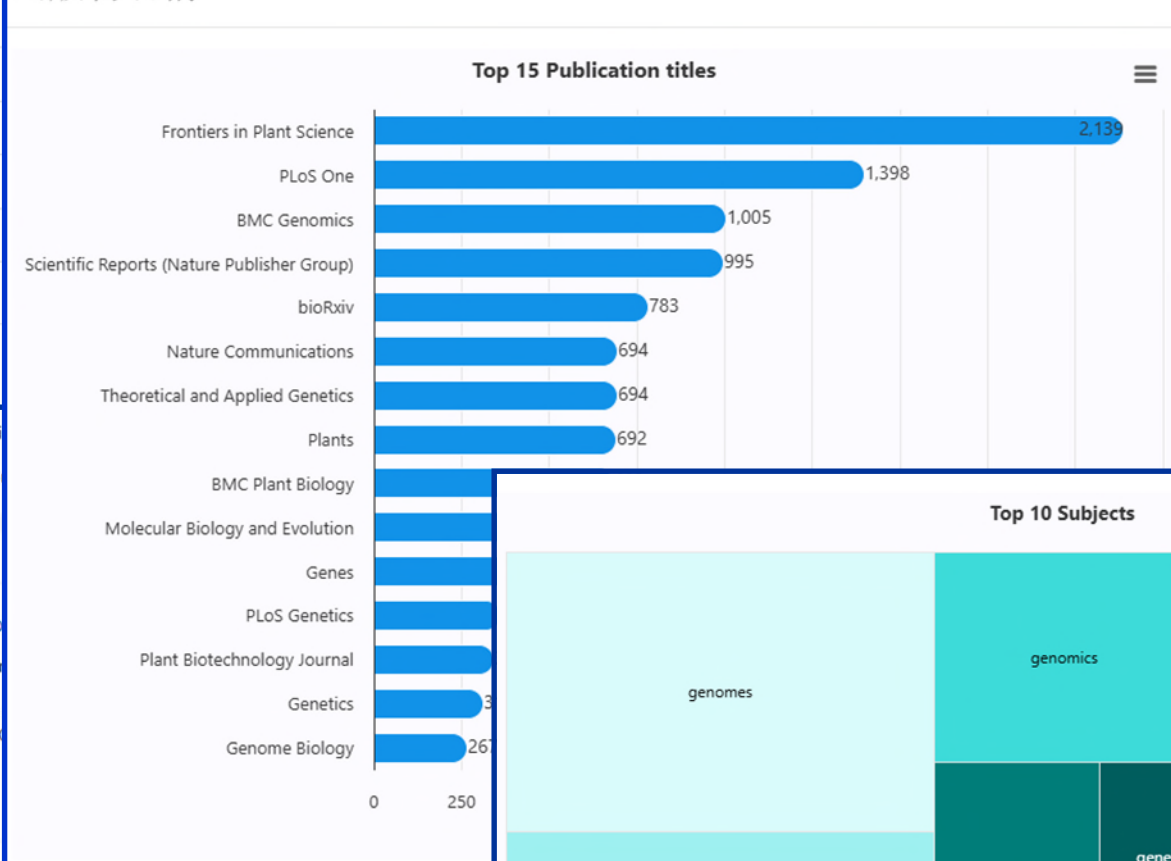
1 **Rapid genomic changes in interspecific and intergeneric hybrids and allopolyploids of Triticeae**
Han, F P; Fedak, G; Ouellet, T; Liu, B. **Genome; Ottawa** Vol. 46, Iss. 4, (Aug 2003): 716-23.
...were isolated from wheat or rice genomic DNA (Liu, Dong, Han, He, Hao, and...
...rice, also has more than 70% duplications based on whole-genome sequence...
...the rice genome (Oryza sativa L. ssp. indica). Science (Washington, D.C.), 296:...
摘要/詳細資料 全文 全文 - PDF (6 MB)

2 **Molecular Identification Using ITS Sequences and Genome Shuffling to Improve 2-Deoxyglucose Tolerance and Xylanase Activity of Marine-Derived Fungus, Aspergillus Sp. NRCF5**
El-bondkly, Ahmed M; A. **Applied Biochemistry and Biotechnology; Totowa** Vol. 167, Iss. 8, (Aug 2012): 2160-73.
...to convert ground rice straw to citric acid and cellulases. Applied Biochemistry...
摘要/詳細資料 全文 全文 - PDF (454 KB) Times cited 3 on ProQuest 33 on Web of Science 40 參考文件

3 **Genome Shuffling of Aspergillus glaucus HGZ-2 for Enhanced Cellulase Production**
Zhao, Yuping; Jiang, Changxing; Yu, Hupeng; Fang, Fang; Yang, Jingzhu. **Applied Biochemistry and Biotechnology; Totowa** Vol. 174, Iss. 4, (Oct 2014): 1246-59.

文件類型			
包含	排除	文件類型	計數
☐	☐	特徵	23,275
☐	☐	文章	22,938
☐	☐	工作專題報告/預行刊	
☐	☐	文學評論	
☐	☐	一般資訊	
☐	☐	評論	
☐	☐	時評	
☐	☐	報告	
☐	☐	新聞	

出版物名稱



3 Zhao, Yuping; Jiang, Changxi
...and 18 g/L agar. Fermentation
學術期刊 [摘要/詳細資料](#) [全文](#)

4 Allopolyplodization-acco
Xue-feng, Ma; Gustafson. Ann
...soybean (Glycine max; Grant
...genome duplication in rice. G
學術期刊 [摘要/詳細資料](#) [DDC Link](#)

5 Extensive de Novo Genomic Variation in Rice Induced by Introgression From Wild

限制在

- ☐ 全文
- ☐ 同儕評審

來源類型

- 學術期刊 (24,162)
- 雜誌 (9)
- 商業期刊 (3)
- 報告 (3)
- 會議專題報告與記錄 (8)

更多 >

View as chart

出版日期

1984 - 2026 (十年)



出版物名稱

文件類型

新知通告(RSS) - 自動獲取新增符合檢索條件設定之記錄

三

Biological Science Database

rice* and (genom* near/2 (Variation or chang* or shuffling or mutation))

Q

genetic diversity

plant bre

molecular markers

environmental stress

agricultural biotechnology

修改檢索

最近的檢索

儲存檢索/新知通報

24,972 個結果

排序方式

關聯性

限制在

☐ 全文

☐ 同儕評審

來源類型

學術期刊 (24,162)

雜誌 (9)

商業期刊 (3)

報告 (3)

會議專題報告與記錄 (8)

更多 >

View as chart

出版日期

選擇 1-20

學術期刊

學術期刊

學術期刊

建立新知通報

步驟 1-評論檢索詳細資料

為此新知通報命名:

檢索目標: rice* AND (genom* NEAR/2 (Variation OR chang* ...

全部顯示

資料庫: Biological Science Database 試用版 - 限制時間

步驟 2-定義您的新知通報電子郵件

傳送至:

此處輸入的電子郵件地址僅用於傳送提醒。

主旨: rice* AND (genom* NEAR/2 (Variation OR chang* OR s

訊息: (選用)

限制: 250 個字元。

步驟 3-定義您的新知通報內容

包含檢索詳細資料: ☐ 是 ☒ 否

包含反白: ☒ 是 ☐ 否

包含: 僅限新發行的文件

步驟 4-排程您的新知通報

建立 RSS 訂閱

有新的文件時, RSS 訂閱將會自動通知您。深入了解

評論檢索詳細資料

必填*

為此訂閱命名: ProQuest: rice* AND (genom* NEAR/2 (Variation OR chang* OR sl

檢索目標: rice* AND (genom* NEAR/2 (Variation OR chang* OR shuffling OR mutation))

顯示更少內容

資料庫: Biological Science Database 試用版 - 限制時間

定義您的 RSS 訂閱喜好設定

包含檢索詳細資料: ☐ 是 ☒ 否

包含: ☐ 僅限新發行的文件

☒ 最近新增的文件, 包括歷史項目。

取消

建立訂閱

檢索結果 – 文獻記錄

快速瀏覽

☐

1


學術期刊

Rapid genomic changes in interspecific and intergeneric hybrids and allopolyploids of Triticeae

Han, F P; Fedak, G; Ouellet, T; Liu, B. **Genome; Ottawa** Vol. 46, Iss. 4, (Aug 2003): 716-23.

...were isolated from wheat or **rice** genomic DNA (Liu, Dong, Han, He, Hao, and...
...**rice**, also has more than 70% duplications based on whole-genome sequence...
...the **rice** genome (Oryza sativa L. ssp. indica). Science (Washington, D.C.), 296:...

[摘要/詳細資料](#) [全文](#) [全文 - PDF \(6 MB\)](#)

”

✉

📄

全文

☐

2


學術期刊

Molecular Identification Using ITS Sequences and Genome Shuffling to Improve 2-Deoxyglucose Tolerance and Xylanase Activity of Marine-Derived Fungus, Aspergillus Sp. NRCF5

El-bondkly, Ahmed M; A. **Applied Biochemistry and Biotechnology; Totowa** Vol. 167, Iss. 8, (Aug 2012): 2160-73.

...to convert ground **rice** straw to citric acid and cellulases. Applied Biochemistry...

[摘要/詳細資料](#) [全文](#) [全文 - PDF \(454 KB\)](#) Times cited [3 on ProQuest](#) [33 on Web of Science](#) [40 參考文件](#)

”

✉

📄

全文

☐

3


學術期刊

Genome Shuffling of Aspergillus glaucus HGZ-2 for Enhanced Cellulase Production

Zhao, Yuping; Jiang, Changxing; Yu, Hupeng; Fang, Fang; Yang, Jingzhu. **Applied Biochemistry and Biotechnology; Totowa** Vol. 174, Iss. 4, (Oct 2014): 1246-59.

...and 18 g/L agar. Fermentation medium was composed of 10 g/L **rice** husk,...

[摘要/詳細資料](#) [全文](#) [全文 - PDF \(1 MB\)](#) Times cited [7 on Web of Science](#) [26 參考文件](#)

”

✉

📄

全文

☐

4


學術期刊

Allopolyploidization-accommodated Genomic Sequence Changes in Triticale

Xue-feng, Ma; Gustafson. **Annals of Botany; Oxford** Vol. 101, Iss. 6, (Apr 2008): 825-32.

...soybean (Glycine max; Grant et al., 2000) and **rice** (Oryza sativa; Guyot and...
...genome duplication in **rice**. Genome 47: 610614. Han...

[摘要/詳細資料](#) [DDC Link](#) Times cited [1 on ProQuest](#) [87 on Web of Science](#)

”

✉

📄

引文/摘要

檢索結果 - 文獻記錄(可免費連結至WOS的引文紀錄)

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Enhancement of heavy metals removal from real electroplating effluent by protoplast fusion technology between different indigenous fungi

El-Gendy, MMAA; El-Bondkly, AAM; (...); El-Bondkly, AMA
Oct 2025 | INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY 22(14), pp.14185-14211

Among a collection of 64 natural isolates derived from the mycobiome of electroplating effluents screened for heavy metals biosorption, two fungal isolates AHM 21 and AHM 53 identified and designated as *Fusarium* sp. AHM 21 and *Alternaria* sp. AHM 53 proved to be potent fungal biosorbents for efficient removal of heavy metals. They were used as parental strains in intergeneric

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Promises and challenges of crop translational genomics

Mascher, Martin; Jayakodi, Murukarthick; Shim, Hyeonah; Stein, Nils. *Nature; London* Vol. 636, Iss. 8043, (Dec 19-Dec 26, 2024): 585-593. DOI:10.1038/

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摘要

翻譯

Crop translational genomics applies breeding techniques based on genomic datasets to improve crops. Technological breakthroughs in the past decade have enabled the rapid dissection of crop performance. However, translating research findings to breeding applications remains challenging. Here we review recent progress in crop translational genomics, including genomic selection and sequence-assisted characterization and deployment of plant genetic resources utilize rapid genotyping of large populations. These approaches have all had an impact on breeding for qualitative traits, where single genes with large phenotypic effects exert their influence. Characterization of the complex genetic architectures that underlie quantitative traits such as yield and flowering time, especially in newly domesticated crops, will require further basic research, including research into regulation and interactions of genes and the integration of genomic approaches and high-throughput phenotyping, before targeted interventions can be designed. Future priorities for translation include supporting genomics-assisted breeding in low-income countries and adaptation of crops to changing environments.

全文 翻譯

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Crop translational genomics applies breeding techniques based on genomic datasets to improve crops. Technological breakthroughs in the past decade have enabled the rapid dissection of crop performance. However, translating research findings to breeding applications remains challenging. Here we review recent progress in crop translational genomics, including genomic selection and sequence-assisted characterization and deployment of plant genetic resources utilize rapid genotyping of large populations. These approaches have all had an impact on breeding for qualitative traits, where single genes with large phenotypic effects exert their influence. Characterization of the complex genetic architectures that underlie quantitative traits such as yield and flowering time, especially in newly domesticated crops, will require further basic research, including research into regulation and interactions of genes and the integration of genomic approaches and high-throughput phenotyping, before targeted interventions can be designed. Future priorities for translation include supporting genomics-assisted breeding in low-income countries and adaptation of crops to changing environments.

The concept of translational genomics was first developed in medical genetics in the wake of the Human Genome Project¹. Scientists aimed to improve human health by distilling discoveries made through genetic research² into new treatments for disease. The goal of translational genomics in crops is to build on such discoveries to increase yield, nutrient use efficiency and other parameters of plant performance. Human and crop genomics share many common methods: most molecular biology tools, especially those used in genome sequencing, are species agnostic. Basic principles of genetics such as mutation, recombination and selection apply in mammals as they do in plants. Initially, some scientists thought that the best course of action would be to transfer knowledge about gene activities in model plants such as *Arabidopsis thaliana* or *Medicago truncatula*^{4,5} to crop species. Recent years have eased the technical constraints on sequencing crop genomes directly⁶, and the limits of comparative gene mapping have become apparent⁷. As a consequence, crop translational genomics has evolved into a search for ways to enlist genomics datasets for breeding for the purposes of crop improvement, including for higher yields, improved nutrient use efficiency, resistance to pests and pathogens and, with increasing importance, preparing plants for climate change. The remit of

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Mascher, M., Jayakodi, M., Shim, H., & Stein, N. (2024). Promises and challenges of crop translational genomics. *Nature*, 636(8043), 585-593. doi:https://doi.org/10.1038/s41586-024-07713-5

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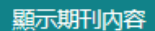
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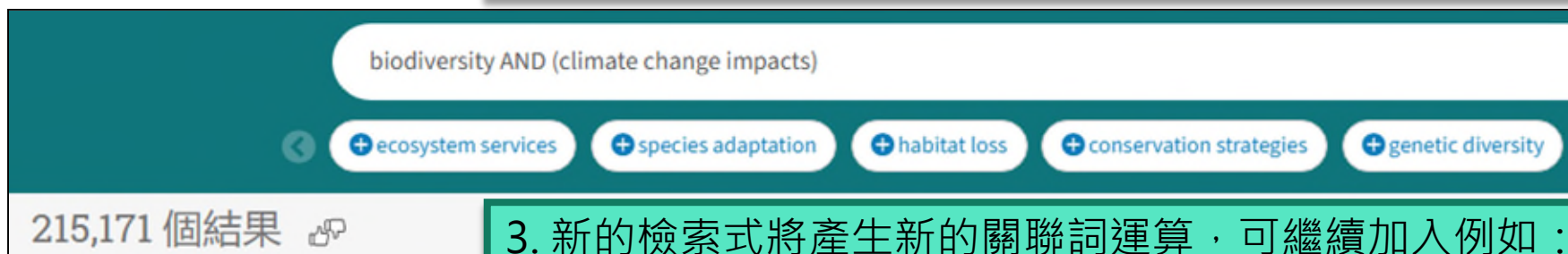
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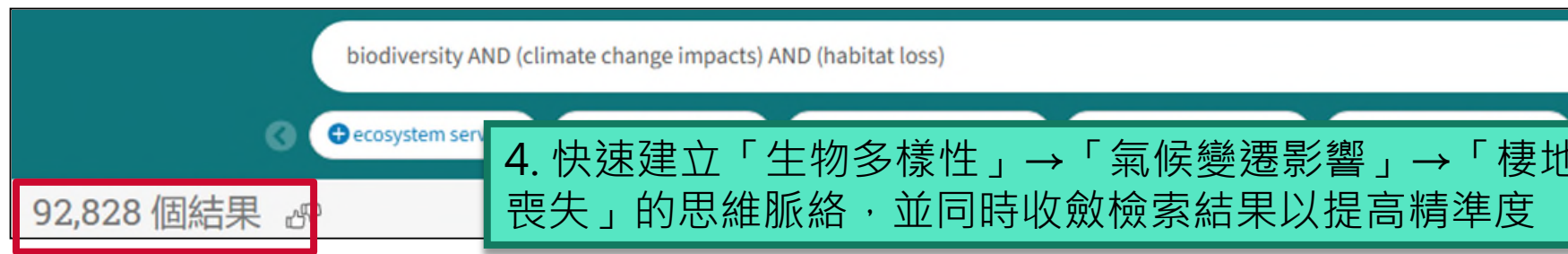
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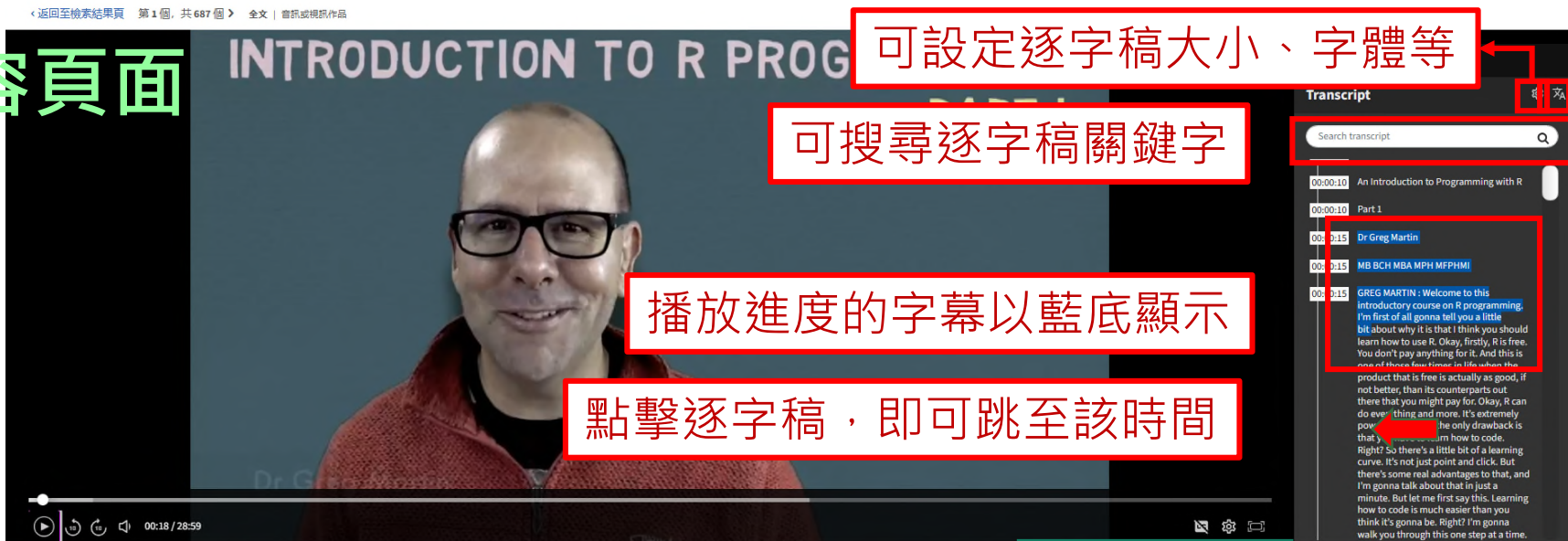
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Insights

Here is the **key takeaway**.

The study proposes an integrated conceptual framework combining agrarian political economy and livelihood analysis to reveal how rubber plantation land grabs in Northwest Vietnam lead to differentiated livelihood pathways and long-term social differentiation among ethnic minority groups.

Additional topics discussed include:

- Ethnic inequality and agrarian justice in land-based development
- State-led land acquisition policies and their socio-political implications
- Methodological approaches for longitudinal and comparative studies on

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Brainstorm related **research topics**.

Here are related **research topics**.

1. Impact of land grabs on ethnic minority livelihoods: Understanding how land grabs affect the livelihoods of ethnic minorities is crucial for developing equitable land policies and protecting vulnerable communities.
2. Agrarian political economy of livelihood framework: Advancing theoretical frameworks that link micro-level livelihood strategies with macro-level agrarian change helps explain social differentiation and class formation.
3. Differentiated livelihood pathways post land acquisition: Studying diverse livelihood responses to land loss reveals how socio-economic status, ethnicity, and political capital shape adaptation strategies.
4. Role of state-corporate alliances in land grabbing: Examining how state and corporate partnerships facilitate land grabs is essential to understand power dynamics and policy implications.
5. Ethnic inequality and agrarian justice in land development: Addressing ethnic disparities in land access and benefits is key to promoting justice in land-based development projects.



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What are the **findings or conclusions**?

Here are the **findings or conclusions**.

The document aims to critically analyze the socio-economic consequences of rubber plantation land grabs on ethnic minority communities in Northwest Vietnam, focusing on how these land acquisitions reshape livelihoods and drive agrarian change. It develops an integrated conceptual framework of 'livelihood pathways' grounded in Scoones' agrarian political economy of livelihood to capture both micro-level household strategies and macro-level social differentiation resulting from land dispossession. (1) (2) (3)

The study finds that rubber plantation land grabs, executed by a state-owned enterprise with strong government backing, have transformed land use and control, often through coercive means and restrictive land tenure practices. The affected ethnic groups—Hmong, Kho Mu, and Thai—experienced significant loss of farmland, with disparities in land redistribution and access to land use rights certificates that favored the company's control over land and limited villagers' agency. (4)

(5) (6) (7) (8)

Livelihood responses to land loss diverged markedly across ethnic and socio-economic lines, resulting in distinct livelihood pathways:

- 1. Commercial Farming Pathway:** Predominantly Hmong households with political connections and sufficient capital retained or expanded farmland, shifting to commercial cash crops like pineapple, which enhanced income and food security, leading to upward socio-economic mobility. (9) (10)
- 2. Diversified Livelihood Pathway:** Large Kho Mu landholders combined remaining farmland use with participation in rubber plantation labor and land rental or sales, enabling moderate livelihood improvement through on- and off-farm activities. (11)
- 3. Wage Labor Pathway:** Small and medium Kho Mu landholders, facing severe land loss and limited market access, relied heavily on casual or permanent wage labor for the rubber company, coupled with forest resource gathering, often experiencing downward livelihood trajectories marked by indebtedness. (12)
- 4. Seasonal Migration Pathway:** Thai households, with relatively higher education and social networks, engaged in

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What are the **essential details**?

Here are the **essential details**.

Main Point

The study critically examines the consequences of rubber plantation land grabs on the livelihoods and agrarian change among ethnic minority groups in Northwest Vietnam, focusing on how land grabbing shapes differentiated livelihood pathways across class and ethnicity (1) (2) (3)

Purpose/Hypothesis

The purpose is to analyze the impact of rubber plantation land grabs on livelihoods and agrarian political economy by developing an integrated conceptual framework of 'livelihood pathways' that links micro-level livelihood strategies with broader social differentiation and agrarian change (1) (2) (4)

Study Design/Methods

A qualitative case study was conducted in Dien Bien province, Northwest Vietnam, involving a household survey of 205 households across six villages inhabited by Thai, Hmong, and Kho Mu ethnic groups. Methods included semi-structured and in-depth interviews, focus group discussions, field observations, and secondary data analysis. Stratified random sampling was used to ensure representativeness across ethnicities and landholding sizes. Data were analyzed using qualitative thematic analysis with inductive coding and triangulation across data sources (1) (5) (6) (7) (8) (9)

Results/Outcomes

The study identified four distinctive livelihood pathways post-land grab: (1) Commercial farming mainly by Hmong farmers who retained and accumulated farmland through political connections and cash crop cultivation; (2) Diversified livelihoods combining on- and off-farm activities, notably among large Kho Mu landholders; (3) Wage labor for the rubber company coupled with subsistence farming, primarily among small and medium Kho Mu landholders facing downward livelihood trajectories; (4) Seasonal out-migration wage labor, especially among Thai people with relatively higher education and social networks, leading to upward livelihood trends. The rubber company exercised strong control over land, often redistributing smaller land areas than originally contributed, and villagers faced limited land use rights and benefit sharing. Ethnic and class-based inequalities shaped differentiated responses and outcomes (10) (11) (12) (13) (14) (15) (16) (17)

(18) (19) (20)

Implications

The findings highlight the long-term social differentiation and class inequalities, leading to the marginalization of ethnic minorities in land governance, tailoring plantation investment

Study Limitations

The research is limited to a small number of villages in Northwest Vietnam, restricting broader generalizability. It relies primarily on qualitative and descriptive statistical data without cross-regional quantitative comparisons. The authors recommend future comparative multi-site and longitudinal studies to better understand evolving livelihood pathways and social differentiation over time (25)

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研究假說、方法、限制等。



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Describe the **important concepts**.



Here are the important concepts.

1. **Rubber Plantation Land Grabs**: A process involving large-scale acquisition of land for rubber plantations, significantly transforming land use and local livelihoods in Northwest Vietnam; it is central to the document's analysis of agrarian change and social differentiation among ethnic minority groups.
2. **Dien Bien Rubber Company (DBRC)**: A state-owned enterprise responsible for acquiring land and developing rubber plantations in Dien Bien province; it plays a pivotal role in land dispossession, labor dynamics, and the reshaping of local agrarian livelihoods discussed throughout the document.
3. **Hmong**: An ethnic minority group in Northwest Vietnam whose members have retained and expanded farmland through commercial farming and political connections, illustrating differentiated livelihood pathways post land grab.
4. **Kho Mu**: An ethnic minority group affected by rubber plantation land grabs, often experiencing significant land loss and engaging in less lucrative wage labor, highlighting ethnic disparities in livelihood outcomes.
5. **Thai**: An ethnic minority group in the study area characterized by smaller landholdings and a shift toward wage labor and seasonal migration, representing one of the distinct livelihood pathways emerging after land acquisition.
6. **Agrarian Political Economy of Livelihood Framework**: A theoretical framework developed by Scoones that integrates micro-level livelihood strategies with broader political-economic structures; it underpins the document's analysis of how land grabs affect social differentiation and agrarian transitions.
7. **Livelihood Pathways**: Conceptual patterns of collective livelihood strategies and outcomes formed by ethnic groups and households in response to land grabs; this concept is key to understanding the differentiated social and economic impacts described in the study.
8. **Vietnam Rubber Group (VRG)**: The largest state-owned rubber plantation development and influencing state policies; it provided a model for rubber plantation expansion in Dien Bien.
9. **Land Contribution Contract**: A legal agreement between local households and the rubber company outlining land use rights and benefit sharing; it is significant for understanding the formal mechanisms of land acquisition and the contested redistribution of land.
10. **Ethnic Minority Uplands of Northwest Vietnam**: The geographic and socio-cultural context of the study, inhabited by multiple ethnic groups whose traditional land use and livelihoods are transformed by rubber plantation land grabs, serving as the focal setting for the document's empirical analysis.

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