GSDM
Global Leader Program for Social Design and Management

東京大学
THE UNIVERSITY OF TOKYO

Preparing the Initial Discussion with secondary advisors

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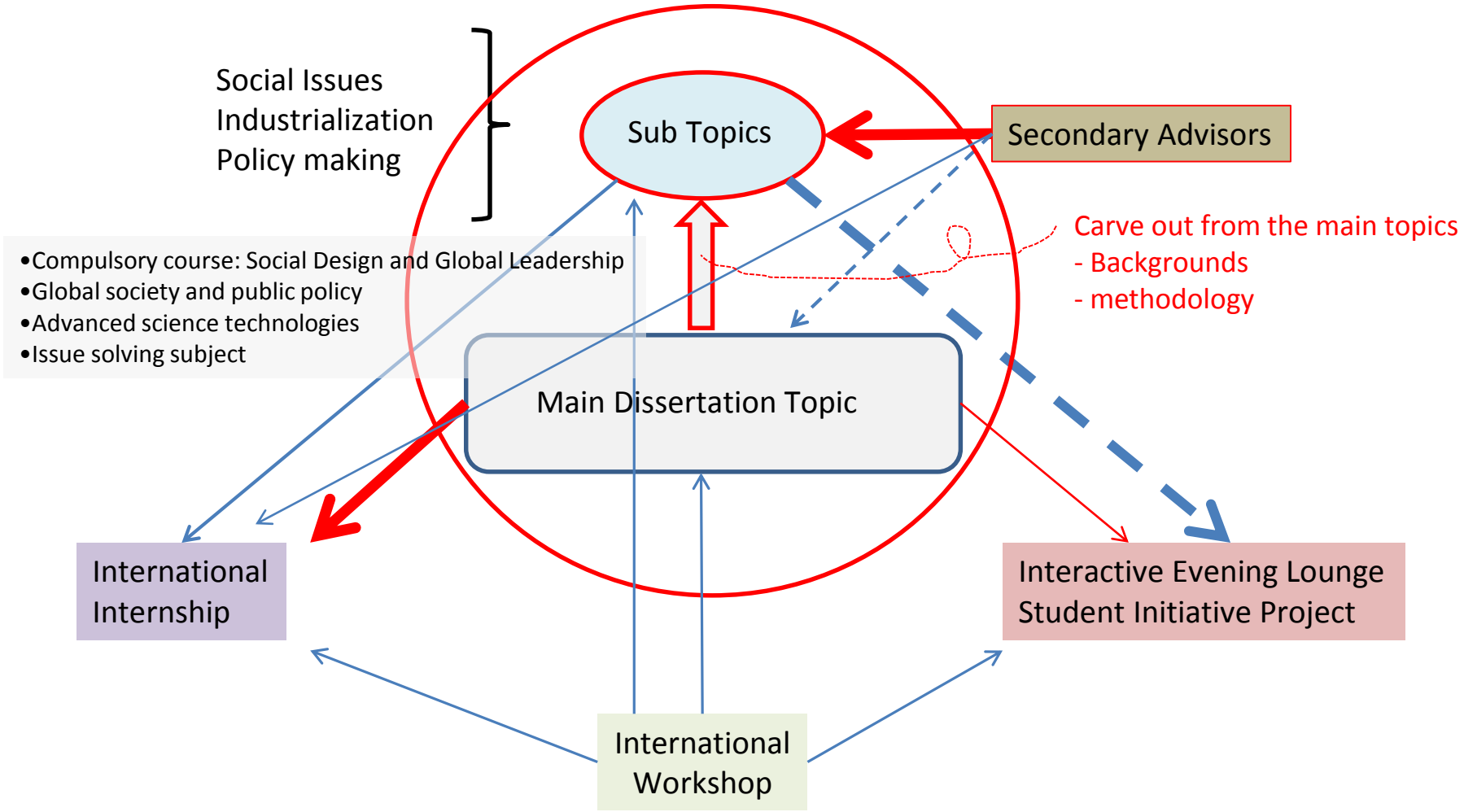
Graduate School of Frontier Science
18th Mar. 2-19

Sub topics(a supplementary paper)



Three Points to discuss with Advisors

- What are the backgrounds of your main topic?
  - Explain your current research topic briefly
  - Pick up three to five keywords in your thesis

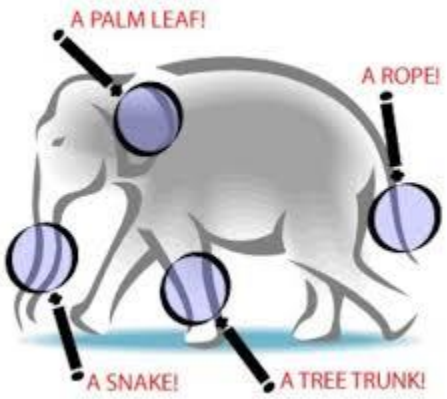
- Categories of a supplementary paper
  - Social Issues
  - Industrialization
  - Policy making

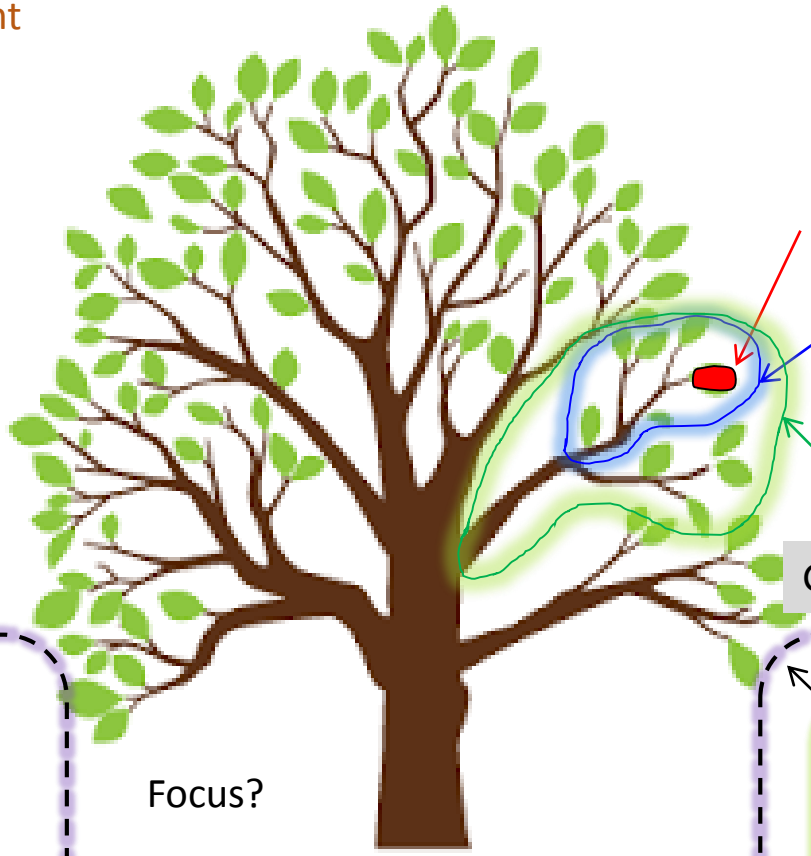
- List up the candidate subtopics for “Curve out”
  - Prepare at least 3 candidate topics to discuss with Secondary Advisors from various aspects
  - With related papers which close to your concerns
  - Methodological Carve out VS Background Carve out

Generalization of Your Topic: From a Leaf to Branches

What is the Domain of your research?

Your domain = an elephant





Your main research topic is a leaf

How you could define the small branch?

How you could define the big branch?

How many aspects?

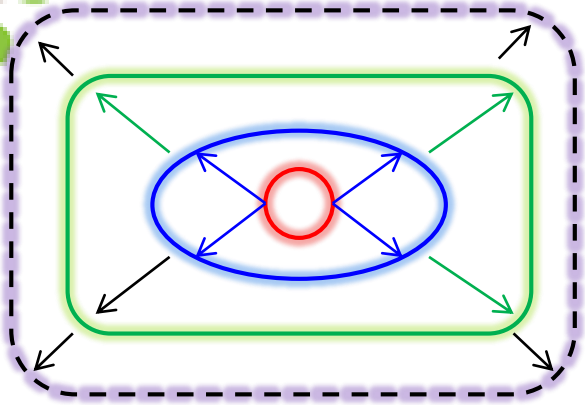
- Issue Category 1
- Issue Category 2
- Issue Category 3
- .....

Focus?

Linkage?

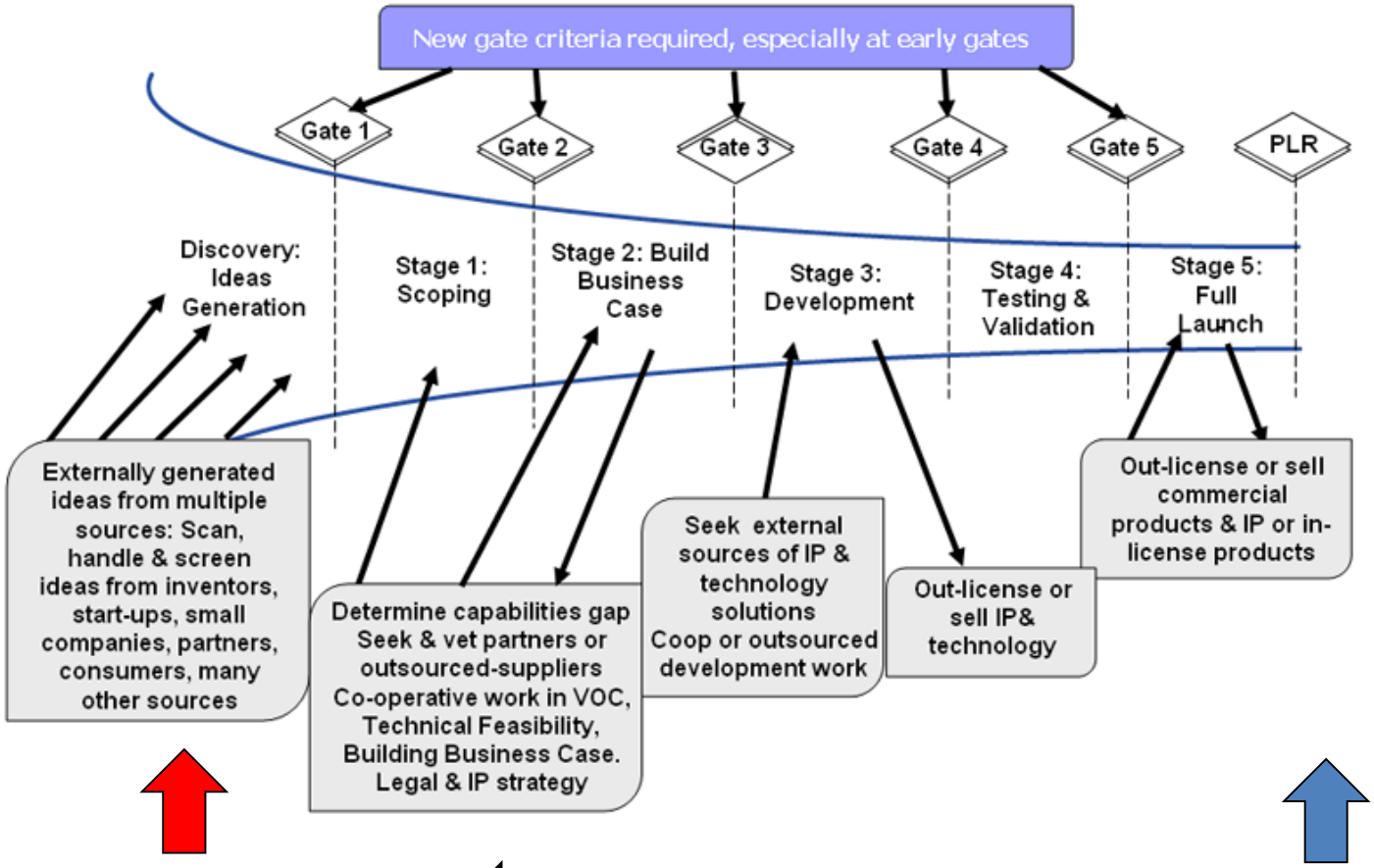
Domain-aspects relationships

Generalization of your domain!



Not Limit to Your Topic

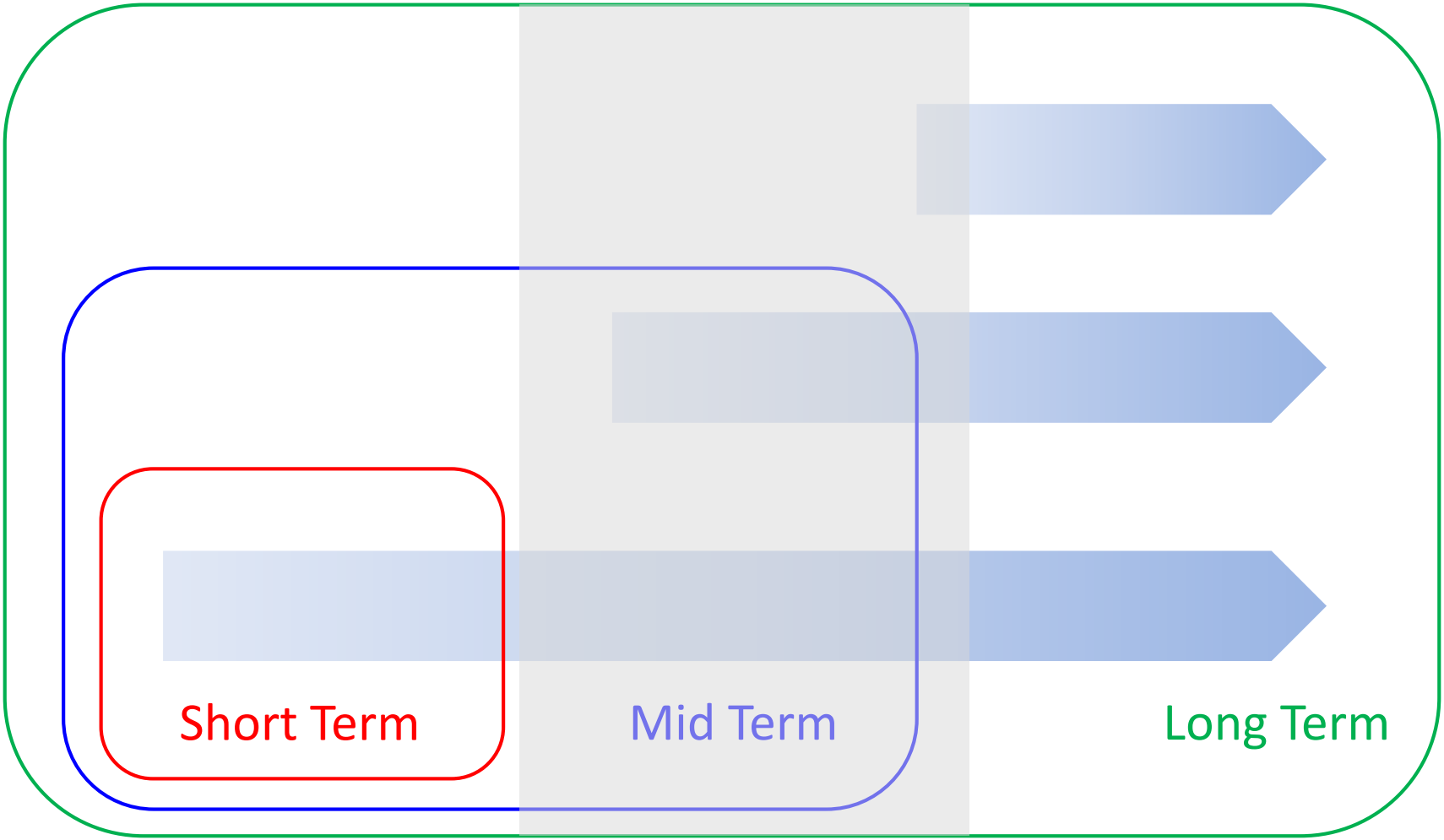
Industrialization is not a single technology application



R.G. Cooper, "The Stage-Gate Idea-to-Launch Process – Update, What's New and NexGen Systems," J. Product Innovation Management, Volume 25, Number 3, May 2008, pp 213-232

Time Line Coverage

You need to define the coverage in a “Vision” part of RDW doc



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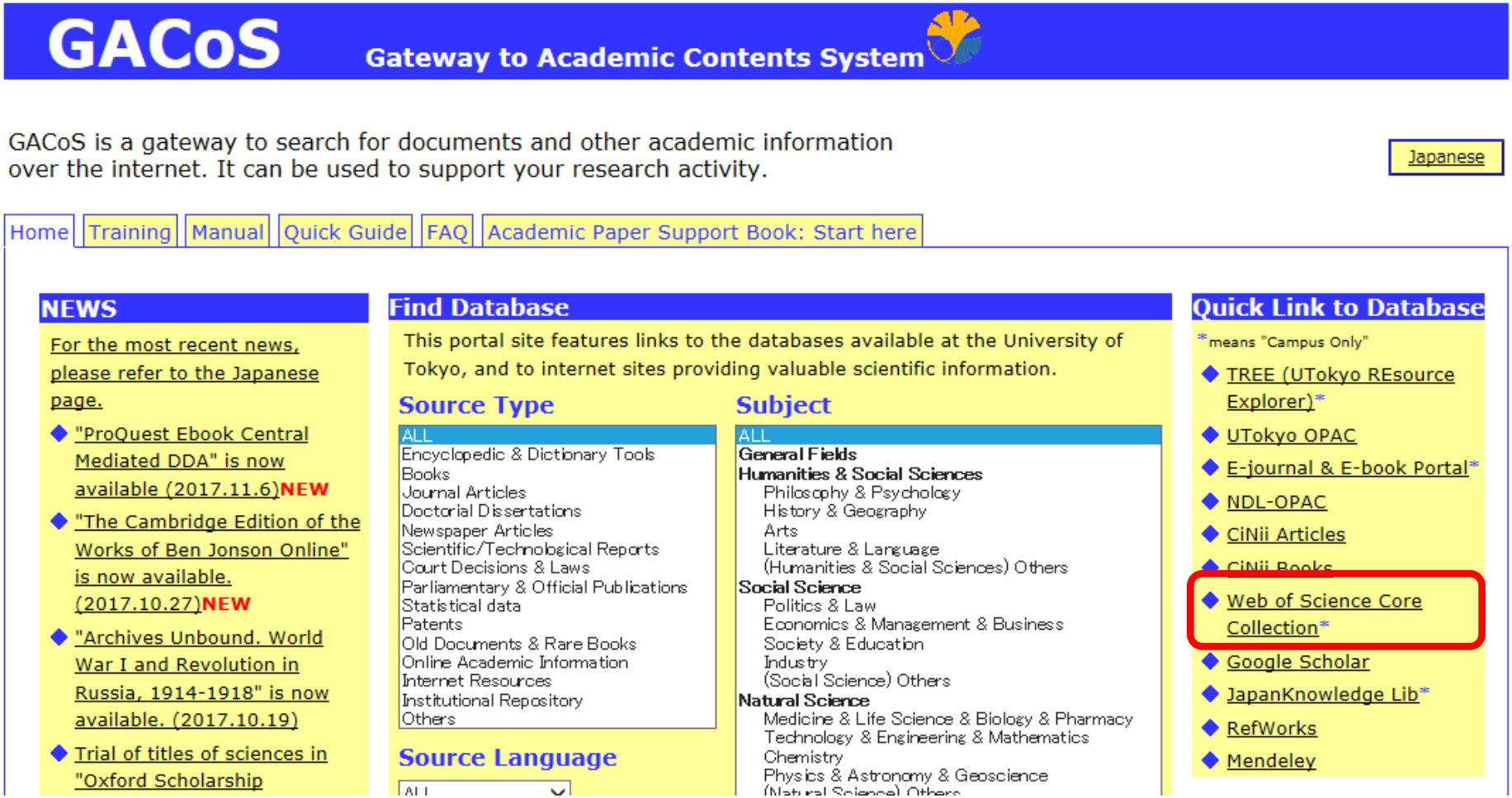
Search Web of Science using Keywords

Click Quick Link to WoS

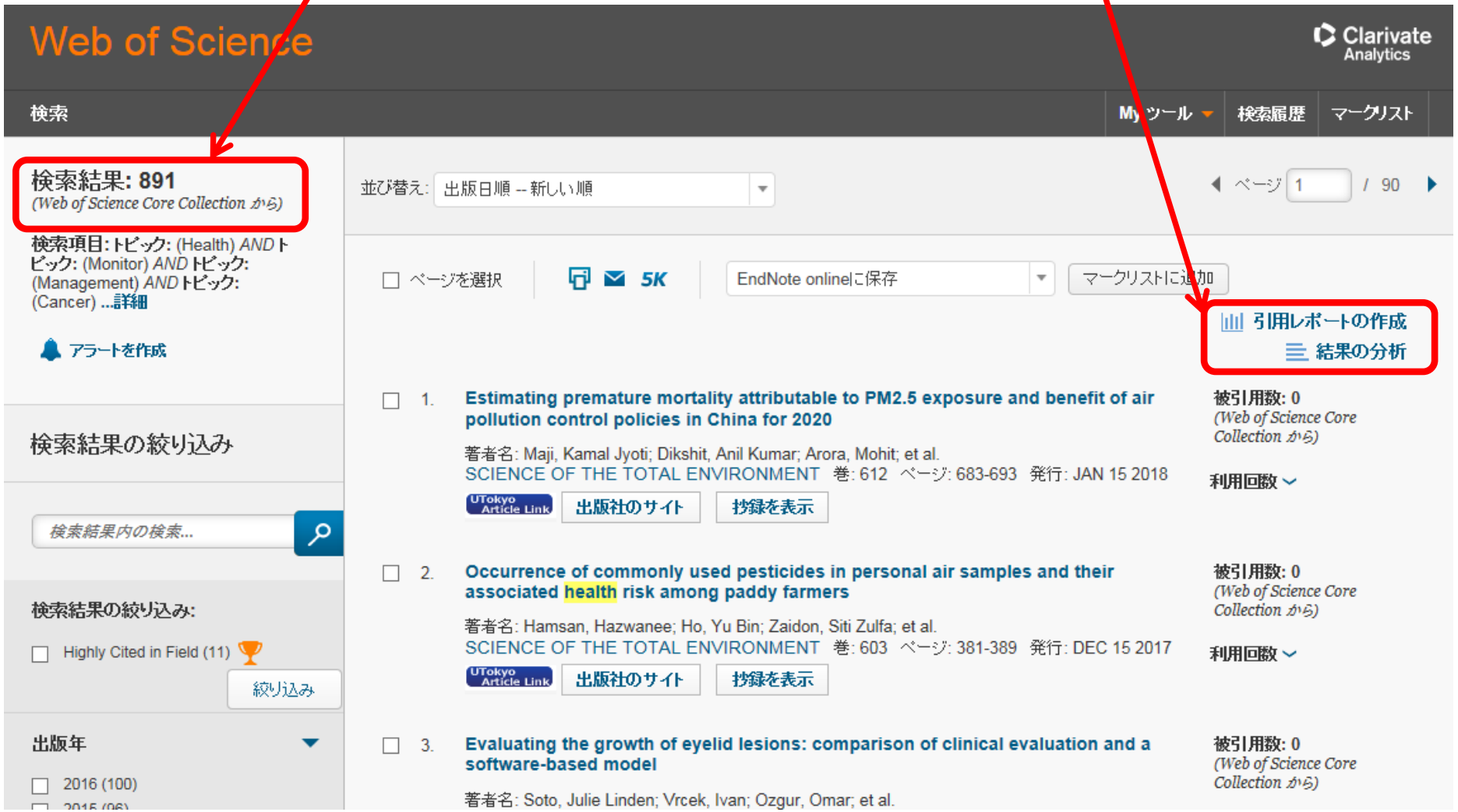


Three to Five Keywords

Related Papers & Result Analysis

Add keywords until <100

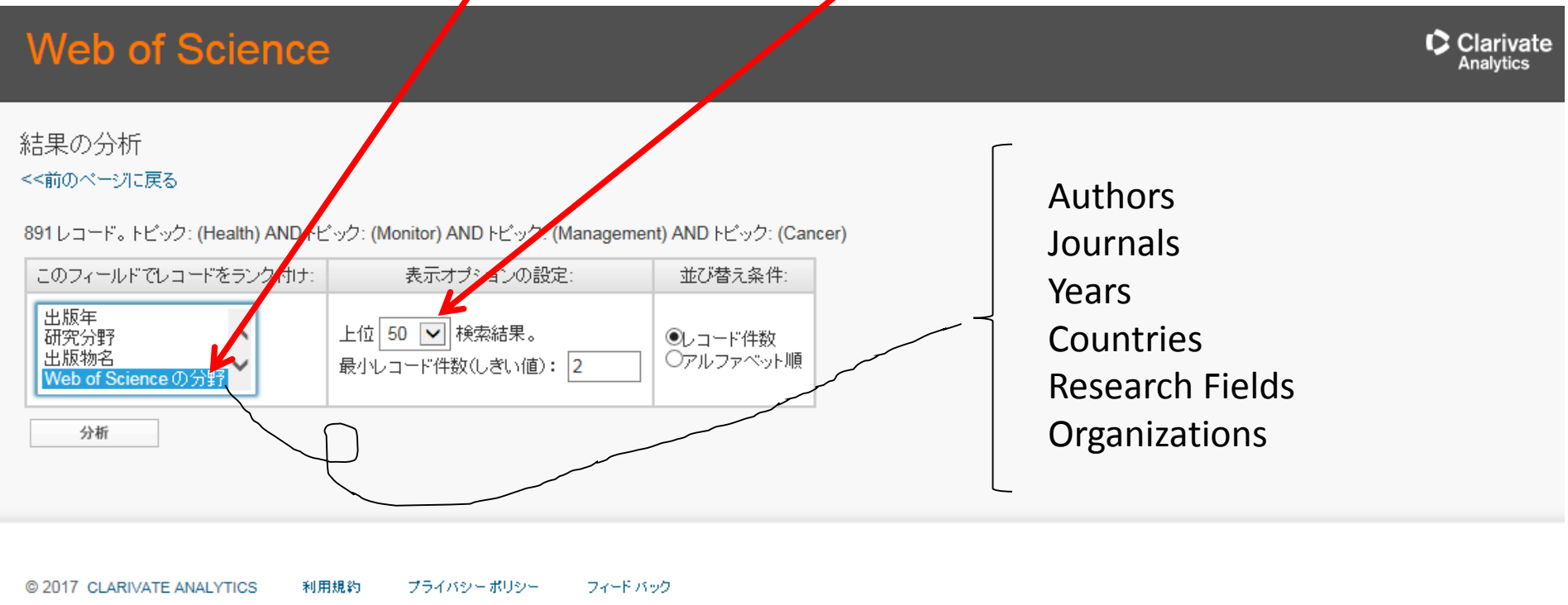
Result Analysis



Check the fields in “Web of Science”

Fields of “Web of Science”

Top 50s



Check related categories in your space

以下のチェックボックスを使用してレコードを表示します。選択したレコードを表示するか、除外(して他のレコードを表示)できます。

レコードを表示 / レコードを除外	フィールド: Web of Science の分野	レコード件数	% / 891	棒グラフ
	ONCOLOGY	235	26.375 %	
	HEALTH CARE SCIENCES SERVICES	136	15.264 %	
	MEDICINE GENERAL INTERNAL	106	11.897 %	
	PUBLIC ENVIRONMENTAL OCCUPATIONAL HEALTH	88	9.877 %	
	NURSING	67	7.520 %	
	PHARMACOLOGY PHARMACY	49	5.499 %	
	ENVIRONMENTAL SCIENCES	45	5.051 %	
	CLINICAL NEUROLOGY	40	4.489 %	
	HEALTH POLICY SERVICES	38	4.265 %	
	MEDICAL INFORMATICS	38	4.265 %	
	UROLOGY NEPHROLOGY	37	4.153 %	
	RADIOLOGY NUCLEAR MEDICINE MEDICAL IMAGING	28	3.143 %	
	MEDICINE RESEARCH EXPERIMENTAL	24	2.694 %	
	OBSTETRICS GYNECOLOGY	24	2.694 %	
	REHABILITATION	21	2.357 %	
	SURGERY	19	2.132 %	
	GASTROENTEROLOGY HEPATOLOGY	17	1.908 %	
	ENDOCRINOLOGY METABOLISM	16	1.796 %	
	ANESTHESIOLOGY	15	1.684 %	
	PRIMARY HEALTH CARE	15	1.684 %	
	HEMATOLOGY	14	1.571 %	
	NEUROSCIENCES	14	1.571 %	
	PSYCHIATRY	13	1.459 %	
	SOCIAL SCIENCES BIOMEDICAL	12	1.347 %	
	TOXICOLOGY	12	1.347 %	
	IMMUNOLOGY	11	1.235 %	
	PSYCHOLOGY	11	1.235 %	
	COMPUTER SCIENCE INFORMATION SYSTEMS	10	1.122 %	
	PEDIATRICS	10	1.122 %	

分析データをファイルに保存

◉ テーブルに表示するデータ行
○ すべてのデータ行(最大 200,000)

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