

# Academic Review of ECSA Shield Model and Tests

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Date of Submission: 01-02-2023

Date of Acceptance: 10-02-2023

**ABSTRACT:** This study aims to conduct a practical and testing study of academic review using the methodology of management philosophy. Through analytical work on a large number of typical academic views and effective communication and cooperation with relevant departments, the study relies on practical summary to refine the ECSA shield model of academic review. This study aims to conduct a practical and testing study of academic review using the methodology of management philosophy. Through the analytical work on a large number of typical academic views and the effective communication and cooperation with relevant departments, the research relies on the practical summary and refinement of the ECSA shield model of academic review. After testing the Australian Commonwealth Risk Management Capability Maturity Model, it was concluded that the ECSA Shield Model of Academic Review is a model with comprehensive attributes of maturity.

**KEYWORDS:** Academic Review, Management Philosophy, Academic Security

## I. INTRODUCTION

Based on a long-term analytical study of thinking, this study carries out the refinement of the methodology in practice and application, and proposes the ESCA academic review model, which is used as an important complement to the academic critical methodology of management philosophy. For academic management, the methodological model of academic review is shown in Figure 1. [1] The model is based on the "Wheel of change" (Goldsmith, 2022) created by Marshall Goldsmith, a pioneer and authority in the field of global senior leader coaching, and is combined with the study's research on the practice and application of the methodology. The shield has two axes, the horizontal axis represents the strength of the signal sent by the literature (opinions, data, evidence, etc.), and the vertical axis represents the rightness or

wrongness of the national strategic direction embodied in the literature (opinions, data, evidence, etc.). By dividing the shield into four quadrants, from the perspective of academic review, we need to make the following judgments and orientations and corresponding measures.

1. When the signal level is weak and the strategic direction is correct, we can judge the academic review as "Early warning" and take two measures to improve and correct according to the degree.

2. When the signal level is strong and the strategic direction is correct, we can judge the academic review as "Strategic communication", and take two measures to maintain and keep it according to the degree.

3. When the signal level is weak and the strategic direction is wrong, we can judge the academic review as "Criticism" and take two measures of self-reflection and change according to the degree.

4. When the signal level is strong and the strategic direction is wrong, we can judge the academic review as "Advanced Control", and take two measures to freeze and eradicate depending on the degree.

The ECSA model consisting of four quadrants is finally presented in the form of a shield that can help users clarify the judgment, orientation, and processing of academic reviews.

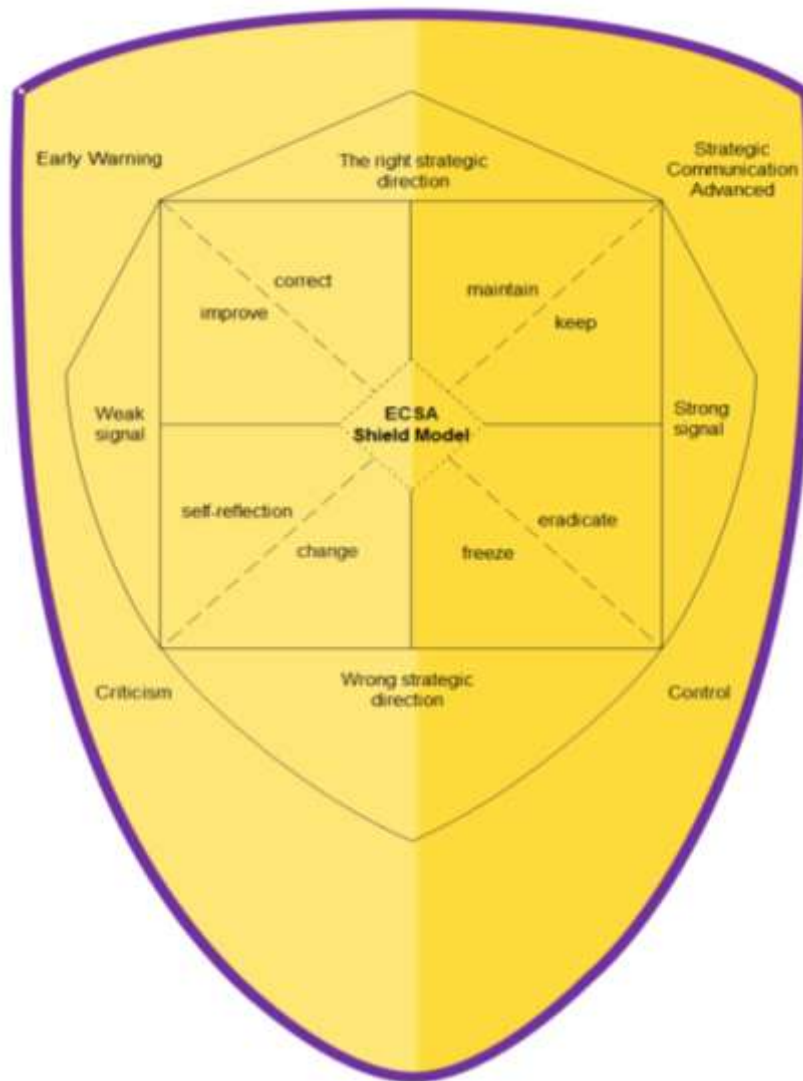


Fig.1 ECSA Shield Model

Drawn by the authors based on this study

## II. PRACTICE AND TESTING OF ECSA SHIELD MODEL

This study conducts further practical and result-checking research on the model through integrated resource channels in the Chinese region and famous universities and academic institutions in Europe and the United States (Columbia University, Dartmouth College, Cambridge University, RSA, RSS, etc.), and the core of the test is to program the academic views of authoritative scholars in the academic field (e.g., academicians of the Chinese Academy of Sciences, etc.), the international situation of Chinese

academics facing The core of the test is an administrative process that addresses the views of authoritative scholars in the academic field (e.g., Academicians of the Chinese Academy of Sciences, etc.) and the challenges and threats to Chinese academia in the international context.[2] At the same time, for the evaluation and testing of the model, this study assessed the model according to the Commonwealth Risk Management Maturity Model (Australian Government, 2019) introduced by the Australian Federal Government, and finally positioned the ESCA model's attributes as systemic attributes, a model with systematic implementation and operation (as shown in Table 1).

Table 1. Commonwealth Risk Management Maturity Model

Element	Overall Maturity Attributes : Integrated	
	维度	评估
Establishing a risk management policy	<ul style="list-style-type: none"> <li>● The Policy includes a vision for the continuing development of its risk management program</li> <li>● The Policy contains a high level risk appetite statement with both qualitative and quantitative elements, linked to business strategies</li> <li>● The Policy is reviewed and updated to reflect changes in the operating environment as they occur.</li> </ul>	The ESCA model is a model for identifying, reviewing and proposing countermeasures for risks in academic management, and is a way to maintain the quality of the national academic, cultural, safety and business environment.
Establishing a risk management framework	<ul style="list-style-type: none"> <li>● The Framework is embedded in the operations of the entity and is part of its overarching governance and management framework</li> <li>● Techniques for identification, assessment, evaluation and treatment of risk are applied consistently across all business units</li> <li>● Reporting on the status of key risks and control performance including effectiveness of the framework occurs quarterly.</li> </ul>	The effectiveness of ESCA model has been tested in many practical tests in the practical application of academic management by the government and education departments, and has been improved and improved in the process of practical application.
Defining responsibility for managing risk	<ul style="list-style-type: none"> <li>● Formalised governance structures assess and oversee risk management at business unit and executive levels</li> <li>● Formal governance structures assess the risks associated with the development or implementation of new policies/programs/services.</li> <li>● The Risk manager or team coordinates the implementation of the framework, risk profiles and action plans</li> </ul>	At present, the practice objects of the ESCA model are mainly concentrated at the level of the government and education departments, so from implementation to implementation, risk management and emergency response plans, etc., they are designed, reviewed and implemented in strict accordance with the needs of the national security strategy.
Embedding systematic risk management into business processes	<ul style="list-style-type: none"> <li>● Risk management occurs at policy, program and/or service delivery level</li> <li>● Risk appetite has been defined and communicated to facilitate strategic and operational planning</li> <li>● Specialist risk programs are documented and included in regular reporting to senior</li> </ul>	The ESCA model has always occurred at the level of national policies, plans and service provision, to improve the academic security risk prevention awareness of national strategy and industry planning experts, and has been effective in years of

	executive and/or the accountable authority	practice, and has been valued and supported by national strategic level departments.
Developing a positive risk culture	<ul style="list-style-type: none"> <li>Senior executives are held accountable through performance agreements for managing risk including responsibility for strengthening the risk culture of their teams</li> <li>Risk culture is formally and regularly assessed with recommendations identified for improvement</li> <li>The Framework is integrated with its overarching governance framework</li> </ul>	In order to safeguard the achievements of the national security strategy and promote the improvement of the national governance system, the education department has led colleges and universities to carry out self-examination, reform, freezing and other measures for many times.
Communicating and consulting about risk	<ul style="list-style-type: none"> <li>Risk terminology is understood by all staff, providing a consistent approach to managing risk</li> <li>Communicating and escalating risk issues is considered in the day to day activities of staff</li> <li>Reporting formats have been agreed and are tailored to target audiences.</li> </ul>	In the process of practice, the ESCA model has initially formed a set of systematic processes of academic security review model suitable for the framework of China's governance system, which minimizes the complex procedures in implementation and enables relevant departments to achieve the expected goals in the shortest time.
Understanding and managing shared risk	<ul style="list-style-type: none"> <li>Senior executive champion shared risk behaviours by demonstrating a collaborative approach to managing shared risk</li> <li>A common understanding of accountabilities and responsibilities for managing shared risk exists</li> </ul>	Since 2022, the ESCA model has begun to carry out strategic dissemination of academic security review under the public vision (channels including but not limited to government organizations, think tank platforms, academic exchanges, WeChat public accounts, TikTok etc.).
Maintaining risk management capability	<ul style="list-style-type: none"> <li>The Risk manager or risk management team is responsible for assisting branches or business units to identify and evaluate risk in a consistent structured approach</li> <li>A consistent approach to identifying and developing risk management skills internally exists</li> <li>Real-time risk information is stored centrally, accessible by all staff.</li> </ul>	The implementation of ESCA model is a single-threaded business flow, and everyone and every organization in the thread maintain a high degree of consistency in terms of ideology and process operation, and realize the efficient and high-quality transmission and reception of internal information.
Reviewing and	<ul style="list-style-type: none"> <li>Scheduled risk review and</li> </ul>	The ESCA model is

continuously improving the management of risk	monitoring plans occurs across all branches and business units <ul style="list-style-type: none"> <li>● Risk reporting includes qualitative and quantitative criteria to assess performance</li> <li>● Regular reviews of compliance with the risk framework are undertaken by internal audit</li> <li>● Ongoing oversight and monitoring of the risk function occurs to identify opportunities for improvement.</li> </ul>	reviewed, supervised and improved by experts, scholars and relevant national departments, and has always practiced the law of dialectical development and the standards and requirements of national security strategy.
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### III. CONCLUSION

This study uses a breakthrough innovative paradigm to make a practical study of the academic critical methodology of management philosophy in the field of management philosophy, and finally presents it as a result of the ESCA shield model. The ESCA Academic Review Shield Model is a model with comprehensive attributes that has developed a system of order, process and methodology within it, as assessed by the Australian Federal Risk Model. It is a new and more effective way of explaining and understanding to better explain and predict risks and threats in the current complex situation where academia and business are closely intertwined, and it helps drive scientific, technological, and economic progress and provides new ways of thinking about solving complex problems. It has important practical value for maintaining national security, cultural security, academic security, and guiding the values of the commercial market.

### IV. LIMITATIONS OF THE STUDY AND FUTURE RESEARCH DIRECTIONS

Although the ESCA model proposed in this study has been practiced and tested in time and factual conditions, it still needs to be further improved and developed in the practice environment.

In addition, in future research, specific response plans can be made to the problems found in this study, especially for the media industry (including self-media), academic publishing fields, international conference review, etc., on the basis of fully protecting legal academic freedom and freedom of expression, and give a review plan on security.

### REFERENCES

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