

Roles of Risk Managers

Understanding How Risk Managers Engage in Regulation

van der Voort, Haiko; de Bruijne, Mark; Steenhuisen, Bauke

DOI

[10.1017/err.2019.24](https://doi.org/10.1017/err.2019.24)

Publication date

2019

Document Version

Accepted author manuscript

Published in

European Journal of Risk Regulation

Citation (APA)

van der Voort, H., de Bruijne, M., & Steenhuisen, B. (2019). Roles of Risk Managers: Understanding How Risk Managers Engage in Regulation. *European Journal of Risk Regulation*, 10(2), 376-392.
<https://doi.org/10.1017/err.2019.24>

Important note

To cite this publication, please use the final published version (if applicable).
Please check the document version above.

Copyright

Other than for strictly personal use, it is not permitted to download, forward or distribute the text or part of it, without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license such as Creative Commons.

Takedown policy

Please contact us and provide details if you believe this document breaches copyrights.
We will remove access to the work immediately and investigate your claim.

Roles of risk managers

Understanding how risk managers engage in regulation¹

Haiko van der Voort, Mark de Bruijne & Bauke Steenhuisen²

Abstract

Inside companies that produce significant risks, risk managers play a key role. They manage the connection between the risk regulation regime that stresses public values and the company that pursue a broader array of organizational goals. This makes the role of risk managers ambivalent. To better understand this ambivalence and identify the means, motives and strategies that risk managers employ in response to this ambivalence, this article conducts a concise review of (classic) organization and regulatory literature. Based on this review, we propose a typology that distinguishes four roles of risk managers: risk managers as supporting staff, risk managers as professionals, risk managers as boundary spanners, and risk managers as agents in regulatory communities. Each type subsequently describes how risk managers employ different strategies in their attempt to connect the risk regulation regime and the company, i.e. translating policies to practices, tailoring policies to practices, explaining and framing policies and practices, and (re)interpreting policies and practices together with regulators. The typology enables researchers and practitioners to emphasize and more thoroughly analyse the variety and complexity of risk managers' work, and can help regulators to broaden and finetune their strategies to improve connections with the various roles of risk managers.

1. Risk management as a continuous balancing act

The self-regulation of risk management has become an essential element in public regulatory policies in the western world, as part of the 'shift from government to governance'.³ The responsibility of regulated industries to manage risks themselves is considered a core element in many regulatory frameworks initiated by governments. Many regulatory policies assume or require that organizations manage their risks as part of a wider development in the direction of process-based regulatory arrangements.⁴ Private companies are thus expected to account for risk management, implying a conscious and explicit risk assessment and risk mitigation strategy, thereby increasingly incorporating not just corporate but also broader, societal values and interests.⁵ Risk management is defined here as

¹ This article has been published in European Journal of Risk Regulation. Please cite as Voort, H. van der, M. de Bruijne & B. Steenhuisen (2019) "Roles of Risk Managers: Understanding How Risk Managers Engage in Regulation, European Journal of Risk & Regulation, DOI: <https://doi.org/10.1017/err.2019.24>

² The authors are Assistant Professor at Delft University of Technology, Faculty of Technology, Policy and Management

³ E.g. M. Bevir, *Governance: A very short introduction* (Oxford: Oxford University Press, 2012).

⁴ E.g. C. Coglianese, C. and D. Lazer, "Management-Based Regulation: Prescribing Private Management to Achieve Public Goals", 37 *Law and Society Review* (2003), pp. 691–730; N. Gunningham, "Strategizing Compliance and Enforcement", in C. Parker and V.L. Nielsen (eds.), *Explaining Compliance; Business Responses to Regulation*, (Cheltenham: Edward Elgar, 2011), pp.211-216.

⁵ E.g. M. Power, "Risk Management and the Responsible Organization", in R.V. Ericson and A. Doyle (eds.), *Risk and morality*, (Toronto: University of Toronto Press, 2003), pp.145-164.

a: “process of reducing the risks to a level deemed tolerable by society and to assure control, monitoring, and public communication.”^{6 7}

Risk managers – those responsible inside companies for executing the process of risk management via which companies manage risks – thus find themselves in a unique position between government regulation and the daily operations of the organization. On the one hand, risk managers manage expectations from the environment, including compliance to government regulations. They meet government representatives, usually in the form of public regulators and inspectors. On the other hand they act within a complex organization to manage risks. They are members of an organization, that may simultaneously aspire to different values than those held by government. This makes the risk manager’s position an ambivalent one.⁸ Risk managers have to connect and balance public (governmental) and private (organizational) interests. If the expectations of the environment and the daily conduct within the organization diverge, the position of risk managers becomes dilemmatic.⁹ As the political and regulatory importance of risk management in private industries increases, the balancing act that is required of risk managers becomes increasingly relevant to anyone interested in public safety.

This ambivalence is a core theme in regulatory literature on risk management. Lenglet describes risk managers as ‘double agents’.¹⁰ He specifies this ambivalence by listing the tasks of the risk manager: enacting rules, training employees, monitoring safety performance, advising operators and lobbying. Risk managers actively help to implement regulations and at the same time lobby on behalf of the organization to regulators or politics for more favorable regulations. Beaumont et al. signal that safety officers do not have a particularly easy or simple task and find it problematic to simultaneously combine their roles as independent internal agents from ‘outside’ regulators and advisors to the authority of managers.¹¹ Weait notes that compliance officers have a somewhat schizophrenic job to articulate the business case for compliance with ‘turning law into profit’.¹²

Recent insights in literature suggest that risk managers employ complex behaviour, and engage with people inside as well as outside company boundaries in various ways. For example, Palermo et al. argue that risk managers cope with the conflicts inherent in their work in different ways. Individual

⁶ M.G. Morgan, “Choosing and Managing Technology-Induced Risks”, in T.S. Glickman and M. Gough (eds.), *Readings in Risk* (Washington: Resources for the Future, 1990), pp. 5–15; O. Renn, “Three decades of risk research: accomplishments and new challenges”, *1 Journal of Risk Research* (1998), pp. 51. doi: 10.1080/136698798377321

⁷ We use a broad definition of ‘risk management’ here. As organizations are diverse, risk managers may be called different per organization. Depending on the type of risks or the application field, they may be called Chief Risk Officers, Safety Managers, Health&Environment Managers, et cetera. ‘Risk managers’ in this contribution are held responsible for managing a specific issue (i.e. environment, safety, financial risk) which affects (a) public value(s) and potentially harms both the organization and society.

⁸ M. Lenglet, “Ambivalence and Ambiguity: The Interpretive Role of Compliance Officers”, in I. Huault and C. Richard Finance (eds), *The Discreet Regulator; How Financial Activities Shape and Reform the World* (New York: Palgrave MacMillan, 2012), pp. 59-84; M. Power, “Organizational Responses to Risk: The Rise of the Chief Risk Officer”, in B. Hutter and M. Power (eds), *Organizational Encounters with Risk* (Cambridge: Cambridge University Press, 2005).

⁹ E.g. C. Parker, *The Open Corporation; Effective Self-regulation and Democracy* (Cambridge: Cambridge University Press, 2002), pp. 179-195.

¹⁰ Lenglet 2012.

¹¹ P.B. Beaumont, J.W. Leopold and J.R. Coyle, “The Safety Officer: An Emerging Management Role?”, *11 Personnel Review* (1982), pp. 35-38.

¹² M.J. Weait, *The role of the compliance officer in firms carrying on investment business in the City of London* (Oxford: Oxford University, 1995), pp. 138.

risk managers use and draw upon “different logics, or part of their underlying practices”, in response to the institutional complexity they encounter in their function.¹³ Lim et al. reach similar conclusions in a study which focuses on relations between risk managers and line managers.¹⁴ According to Jarzabkowski et al., risk managers display changing attitudes and responses to simultaneously contribute to organizational and regulatory goals. Furthermore, risk managers are engaged in a continuous struggle to “compete for managerial attention”, and endeavour to convince line managers to actually “use their methods of defining, measuring and representing the business environment”.¹⁵ To attain their goals, risk managers need to master different modes of operation, and to be able to engage in a variety of interpersonal connections and develop a set of tools suited to the particular circumstances.¹⁶ Important as these findings are to understand the function of corporate risk managers, and the fact that as much variation exists in how risk managers perform their task, they do not result in a systematic insight in how risk managers connect risk-based regulatory regimes with corporate objectives and interests.

We seek to characterize how risk managers connect inside and outside interests via risk management. This contribution is a first attempt to do so, and uses different strands of literature to identify and characterize the various motives, means and strategies of risk managers towards regulators. Organizational literature is used to increase our understanding of the roles risk managers play inside corporations. Knowledge about the roles of organisational specialists, who – like risk managers – connect company and outside interests are described as well as insights about organizational members who work on the ‘boundaries’ between the organization and the outside world. A second strand risk regulation and risk governance literature focuses on the attitudes of risk managers towards societal efforts to influence the company. To systematically understand how different means, motives and strategies affect the attitude of risk managers towards regulation both bodies of literature are combined, which results in a typology of risk manager roles.

The catalogue of potentially relevant literature in the fields of organization studies and risk governance and risk regulation literature is obviously huge. To keep this contribution concise and readable it was decided to pre-structure our literature review in four separate sections, which identifies the following roles of risk managers as connectors between the corporation and safety regulators. These are:

- The risk manager as support staff. In the 1960s and 1970s theories emerged about organizations as a collection of subunits, each with their own interests. Risk managers are rarely explicitly mentioned in this literature, but we can reflect on what these theories mean for the position of risk managers when they are perceived as organizational support staff.¹⁷

¹³ Palermo, T., Power, M., & Ashby, S., Navigating Institutional Complexity: The Production of Risk Culture in the Financial Sector, 54 *Journal of Management Studies* (2017), 154-181. doi: <https://doi.org/10.1111/joms.12241>, p.157

¹⁴ Lim, C. Y., Woods, M., Humphrey, C., & Seow, J. L., The paradoxes of risk management in the banking sector. 49 *The British Accounting Review* (2017), doi: <https://doi.org/10.1016/j.bar.2016.09.002>, p.75-90

¹⁵ P. Jarzabkowski, J.K., Le, A.H. Van de Ven, Responding to competing strategic demands: How organizing, belonging and performing paradoxes coevolve. *Strategic Organization*, 11 (3) (2013), pp. 245-280.

¹⁶ M. Hall, A Mikes & Y. Millo. How do risk managers become influential? A field study of toolmaking in two financial institutions. 26 *Management Accounting Research* (2015), doi:<https://doi.org/10.1016/j.mar.2014.12.001>, p.3-22.

¹⁷ E.g. R.M. Cyert, and J.G. March, *A behavioral theory of the firm* (Englewood Cliffs: Prentice-Hall, 1963); J. Pfeffer and G.R. Salancik, *The external control of organizations: A resource dependence perspective* (Stanford: Stanford University Press, 1978); H. Mintzberg, *The structuring of organizations* (Englewood Cliffs: Prentice-Hall, 1979).

- The risk manager as a professional. If one perceives risk managers as organizational professionals, literature emphasizes the complexity of the job and the multiplicity of values involved, such as professional and managerial values.¹⁸
- The risk manager as boundary spanner. Risk managers operate near organizational boundaries, between the corporation and its environment. Organization studies characterize risk managers as ‘boundary spanners’. Theories of boundary spanning specifically reflect upon the relation between risk managers as organizational members and regulators as external parties.¹⁹
- The risk manager as regulator. Theories on risk governance explicitly focus on (the management of) risks. It assumes this focus is a central concern for all stakeholders, including risk managers and regulators. In doing so, this literature identifies differences and similarities between risk managers and regulators. Risk managers are perceived as agents within a regulatory community.²⁰

Each subsequent section explores the relevant theories and describes their impact on the means, motives and strategies of risk managers. The resulting typology is described in section 6. Section 7 discusses the consequences of our exploration for risk regulation, and the relation between risk managers and their regulatory environment.

2. The risk manager as support staff

A starting point to gain insights on the role of risk managers can be found in organization theory. This literature focuses on formal and informal positions of employees within an organization. Risk managers are not traditional line managers, because they are not responsible for primary organizational processes. They have an advisory function and are generally considered as, and assigned to a staff position in the organisation. That being said, the advice of risk managers can have far-reaching consequences that can considerably affect primary processes. Classic organization theory primarily focuses on the internal organization, and argues that within an organization, interaction takes place between a wide variety of different organizational parts, of which risk management is only one, albeit an important one. From this perspective, four observations enable us to describe ‘risk management’ staff functions, and understand its attitude towards regulators, as well as the processes that govern the relation between organization and regulator.

A unit with its own preferences and objectives

A core assumption of organizational theory is that key participants in organizations do not resemble a unitary hierarchy or organic entity, but a loosely linked coalition of interest groups.²¹ An organization is portrayed as a dynamic coalition of interest groups. Each group attempts to obtain something from the collective by interacting with others, each having its own preferences, objectives and shifting allegiances.²² Mintzberg distinguishes different types of organizational units, with fundamentally

¹⁸ E.g. A. Abbott, *The System of Professions* (Chicago IL : University of Chicago Press, 1988); M. Lipsky, *Street-Level Bureaucracy; Dilemmas of the Individual in Public Services* (Sage, New York, 1980).

¹⁹ E.g. J.W. Meyer and B. Rowan, “Institutionalized Organisation: Formal Structure as Myth and Ceremony”, 83 *American Journal of Sociology*, (1977), pp. 340-363; W.R. Scott, *Organizations; Rational, natural, and open systems* (Englewood Cliffs: Prentice-Hall, 1992).

²⁰ E.g. J. Black, “New Institutionalism and Naturalism in Socio-Legal Analysis: Institutional Approaches to Regulatory Decision Making”, 19 *Law & Policy* (1997), pp. 51-93; C. Parker, “Compliance Professionalism and Regulatory Community: The Australian Trade Practices Regime”, 26 *Journal of Law and Society*, (1999), pp. 215-239; O. Renn, *Risk Governance: Coping with Uncertainty in a Complex World* (London: Earth-scan, 2008).

²¹ Cyert and March, 1963.

²² Pfeffer and Salancik, 1978, pp. 36.

different mindsets, strategies and responsibilities towards the primary process.²³ Top management tends to centralize, technostructure tends to standardize and formalize, and the operational core tends to professionalize. Each organizational unit has its own power source - such as authority, information, access to clients - and uses its position in the coalition to seek opportunities to push and pull the organization towards their ideal.

Adding rationality via standardization

According to classic organizational literature risk managers are 'technostructure' – as well as a specific form of support staff. As support staff, risk managers analyse and improve the primary process, as well as engage in risk mitigation. Technostructure imposes order and 'control' over organizational processes via detailed methods and models that analyse risk - including risk matrices and bow tie models -, and risk management systems. Operators provide information for these analyses. Risk managers use this information to advise managers to subsequently recognize and account for the identified risks, and - if those are found critical – initiate policies to mitigate them.

Pfiffner observes that staff managers prefer an administrative rationality that takes into account facts relative to emotions, politics, power, group dynamics, personality and mental health.²⁴ Mintzberg states that support staff analytical techniques - interpreted as risk management techniques here - 'institutionalizes' the job of the line manager, and removes responsibility for control and decision making from the line manager. In this way risk management supports alignment and coordination of organizational subunits with more important organizational goals. Formal systems are used to drive this process.²⁵ As support staff risk managers advocate and push for increased use of technocratic systems, to the detriment of the line manager's personal responsibilities, but also to operational routines that are not formalized in any system.

Limiting the autonomy of operators

Support staff can become notoriously powerful in efforts to impose analytics and standards onto the organization. The source of power from support staff is derived from a line manager, who is formally responsible for the primary process. The means risk managers as support staff employ is standardization. As an extra power feature, support staff can move freely within the organizational hierarchy, and may uncover inefficiencies and incompetencies in the relations between various departments.²⁶ The focus on standards and procedures reduces the autonomy of operators,²⁷ and limits the potential for innovation and change.²⁸

Risk managers as support staff: implications for means, motives and strategies

The risk manager as support staff focuses on its managerial role in the corporation. The biggest asset of the risk manager is the 'license to standardize', a mandate from top management to implement and manage procedures and systems that encompasses the work of every employee and department. The

²³ Mintzberg, 1979.

²⁴ J.M. Pfiffner, "Administrative rationality", 20 *Public Administration Review*, (1960), pp. 125-132.

²⁵ H. Mintzberg, *Power in and around organizations* (Englewood Cliffs: Prentice-Hall, 1983).

²⁶ E. Mumford and A. Pettigrew, *Implementing strategic decisions* (New York: Longman, 1975).

²⁷ M. Crozier, *The bureaucratic phenomenon* (Chicago: University of Chicago Press, 1964), p. 165.; R. Kanter, "The Measurement of Organizational Effectiveness; Productivity, Performance and Success," Working Paper 8, PONPO, (New Haven: Yale University, 1979).

²⁸ J.R. Galbraith, "Designing the Innovative Organization", 10 *Organizational Dynamics* (1982), pp.5-25.

more this mandate is being taken seriously, the more discretionary freedoms of those affected by these procedures become limited.

As for motives, risk managers as support staff seek to add rationality to decision making in organizations, which includes for example efforts to streamline the decision making process. The consequence is that relations between risk managers and organizational units as well as between organisational units are affected. The relations with regulators are less well articulated since classic organizational literature primarily focuses on relations inside the organization, rather than on the role of regulators. We argue that regulators are considered as part of the organizational environment. As such, they provide additional arguments and motives for more risk standards for risk managers. This for instance may happen if risk analysis or risk management systems are imposed, or if a threat of future regulation becomes apparent. If the regulator demands new, complicated methods and systems to manage risks, the broader environment becomes an important source of knowledge that risk managers can monopolize. In that case, risk managers act as 'technical gatekeepers', connecting the organization to important sources of external information.²⁹ In these instances, the regulator becomes a source of information and instruction. The risk manager's job then is to translate the external sources into guidelines and procedures that can be applied in practice by employees within in the organization. The regulator thus becomes source of power which risk managers use to impose order to the organization. On a less political note, regulations are translated into organizational procedures already in place. This is a relatively passive, technocratic effort.

3. The risk manager as professionals

The job of a risk manager can be seen as a practice that requires specific technical and managerial skills, and experience. It requires bringing together knowledge and skills on legal, technical, and business issues, among others. These issues often come from different fora, like regulators, line managers, (other) staff managers, clients, et cetera. Both their knowledge and their position among these actors make these professionals unique. Two classic bodies of literature from organization science cover each an aspect of this unique position: the one on professionalism and the one on value conflict.

Professionalism: a unique source of knowledge

Professionals work relatively autonomously, and have certain freedoms to determine the content and organization of their work.³⁰ They control their own work because of their special skills and knowledge. As professionals, risk managers can be considered an exclusive occupational group who apply relatively abstract knowledge to particular cases.³¹

Like any profession, risk management comes with its own logic, experience, basic assumptions and set of norms. These can compete with those of other professions or with managers within the organization. The professional logic is rooted in the complexity of the job. Complexity may lead to a certain exclusivity: only the professional knows how to deal with it, and it would be better to leave the job to the professional without interference from others. Professionals use various instruments to protect this exclusivity, though their knowledge-base, organisational discourse as well as via the use of

²⁹ Mintzberg, 1983, p. 200.

³⁰ M.S. Larson, *The Rise of Professionalism*. (The University of California Press, Berkeley, 1977).

³¹ Abbott, 1988, p. 318.

jargon.³² Risk management concepts and tools can become complicated to people outside the profession of risk managers, including line managers, operators and sometimes even regulators. As professionals, risk managers have the autonomy to follow their own aesthetics to do their jobs unless they are confronted by counterplay from these groups.

Value conflict as a main source of complexity

Then, what is this complexity? As stated before, the position of risk managers as linking pin between regulators and organization is unique. They have to cope with conflicts between public values and organisational values. For example, requirements for public values such as “sustainability” or “safety” which are set by the regulator need to be aligned with important organizational values – including serving clients and efficiency for staying competitive. Societal values, which are expressed at high levels of abstraction are easily reconcilable, and less conflicting with organizational values. However, this changes once these values are operationalized towards a specific end. “Value conflict is always a problem of practice”, according to Thacher and Rein.³³ Indeed, conflicts tend to remain intangible until values are concretized in - for example – safety norms. Romzek and Ingraham argue that individuals in organizations operate in “a web of accountability relationships that represent several different behavioral standards against which their performance can be judged”.³⁴ They distinguish four sources of control: external sources, which are political and legal, and internal sources, which are hierarchical and professional. As a result of these sources of control, professionals “can get caught between the cross pressures of initiative and command”.³⁵ Value conflicts can become painful in the workplace, and as such heavily affect and influence the role of the risk manager.

Coping with competing values

How do professionals cope with value conflicts? Lipsky’s study of public “street-level bureaucrats” was the first to identify and describe professional coping responses to value conflicts.³⁶ Professionals employ numerous strategies such as for example “rationing,” and “routinization,” as well as discretionary judgment to reconcile seemingly conflicting requirements to perform their jobs. Every professional, and in this case risk managers, employ strategies to reconcile values and deal with tensions between professional judgment and management policies and rules to manage their practical work.

Risk managers as professionals: implications for means, motives and strategies

As risk management became a profession of its own, risk management became too complex to understand immediately by all those working inside the company; the jargon became impenetrable, increasingly new and more complex risk management tools, and elaborate procedures are required to provide proof of being ‘in control’. Literature on professionalism stresses how this process leads to exclusivity of those who know and can analyse complex systems. This exclusivity protects the means and knowledge of professionals. Literature on value conflicts describes some of the complexities inherent on the position of of risk managers as professionals. It does not explicitly consider the relation between professionals and regulators. Coping with value conflicts is thus predominantly

³² Abbott, 1988, p.318.; E. Freidson, *Professionalism; The Third Logic*. (The University of Chicago, Chicago, 2001).

³³ D. Thacher and M. Rein, Managing Value Conflict in Public Policy. 17 *Governance* (2004), p. 461.

³⁴ B.S. Romzek, P.W. Ingraham, “Cross-Pressures of Accountability: Initiative, Command and Failure in the Ron Brown Plane Crash”, 60 *Public Administration Review*, (2000), p. 242.

³⁵ *Ibid*, p.249.

³⁶ Lipsky, 1980.

studied in the domain of the professional. Although the values with which professionals wrestle may very well be those of regulators, these regulators are seldom considered as relevant actors in this literature. However, regulators have the potential to add to the complexity of the situation professionals are coping with. Nonetheless, the professional's perspective assumes risk managers are reactive rather than proactive. Competing values are simply considered a fact of life; they are 'thrust' upon professionals; they are considered given. It is the risk professional's job to use their discretionary freedoms to connect policies to practices, and practices to policies, so that value conflicts are managed. This job is a complex one, and this complexity provides risk managers the autonomy to define and operate complex risk management systems.

4. The risk manager as boundary spanner

"Coping" has a relatively passive connotation. As already noted, support staff may act as 'technical gatekeeper', being the natural inlet for technical instructions that organizations have to comply to. It is as if risk managers are making the best of a situation that is defined outside their professional domain. However, risk managers may also influence their environments in a more proactive way. Risk managers can act as so-called 'boundary spanners', situated at the boundaries between organization and its environment. This strategic position has attracted the attention of both organizational theorists and regulatory scholars. Literature on 'boundary spanning' focuses on the organizational borders. Who is managing the boundaries? And how does this happen?

Managing the coupling between policies and practices

Organizations are highly motivated to secure enough stability and certainty to be able to function efficiently and effectively in environments that contain unknowns and uncertainties.³⁷ Regulators are part of this environment, and can also be considered as a source of uncertainties for organizations, or even friction.

To align the organizational world and the outside world demands in terms of risk taking, organizations specifically employ strategies that seek to influence the environmental sources of safety demands, such as bargaining and co-optation – for instance the incorporation of representatives of external groups in decision-making.³⁸ Additionally buffering strategies are used that shield the operational core from the environment, so that the operating activities can be protected. 'Boundary spanning units' play a central role in this perspective, since they directly face the environment and deal with its uncertainties.³⁹

Risk managers operate on the interface between regulators and the organization. Risk managers as boundary spanners have the means (e.g. knowledge and contacts) to align the organization with the regulators and manage the couplings between policy and practice within the organization. Formal policy may require the implementation of risk management systems and risk analysis tools. The managing of couplings may also involve the translation and/or framing of organizational practices to outsiders such as regulators.

The effect of regulation on the coupling between policies from practices

Also regulation theory pays attention to the issue of 'managing couplings'. It introduces the regulator's behaviour as an important determinant of means, motives and strategies of risk managers.

³⁷ Scott, 1992, p. 195.

³⁸ Scott, 1992; Pfeffer and Salancik, 1978.

³⁹ J. Thompson, *Organizations in action* (New York: McGraw-Hill, 1967); Meyer and Rowan, 1977.

Orton and Weick predict that the more organizations are forced to implement certain policies, the more questionable it becomes whether these policies are in fact put into practice. Allowing more difference between formal organizational policies and practices is called ‘loosening coupling’⁴⁰ or ‘decoupling’.⁴¹ Meyer and Rowan argue that an increased need to be accountable and transparent in many organizations results in organizational “decoupling” between what organizations formally account for and what they are actually doing.⁴²

Governments are said to significantly use their formal authority to promote the use of risk management.⁴³ They commonly require organizations to implement risk management systems, and risk management tools, with the aim of facilitating the self-regulatory capacity of organizations and facilitate communication about risks.⁴⁴ This drives organizations to implement risk management systems and suggests that rationality prevails in how organizations decide about (the management of) risks. This trend suggests that loose coupling may be inevitable- even functional - for an organization from a risk managerial perspective, especially when expectations from the external environment increase. It protects the organization’s operational core from the dynamics and ‘idealization’ of ‘external’ policy demands and political requests.⁴⁵

An assumed loyalty to the organization

The assumed necessity to shield operators from the environment implies hostility towards the environment. Boundary spanning literature assumes boundary spanners primarily seek to accomplish organizational, managerial goals. The role of the boundary spanner thus differs fundamentally from the role of the risk professional who is primarily oriented towards professional values. Boundary spanners are considered loyal to the organization and its survival in a competitive environment. Loose coupling is a negative threat to the environment, including the regulator’s perspective. It poses a threat to the environment, especially to those who want to oversee practices of risk management, such as regulators and inspectors.

Risk managers as boundary spanners: implications for means, motives and strategies

The means of a risk manager as ‘boundary spanner’ are essentially his/her strategic position on the interface between regulators and the internal organization. This position enables the risk manager to

⁴⁰ J.D. Orton and K.E. Weick, “Loosely Coupled Systems: A Reconceptualization” 15 *Academy of Management Review*, (1990), pp. 203-223.

⁴¹ J.G. March and J.P. Olsen, *Ambiguity and Choice in Organisations* (Bergen: Universitetsforlaget, 1976); N. Brunsson, “Ideas and Actions: Justification and Hypocrisy as Alternatives to Control”, in 18 *Accounting, Organisations and Society* (1993), pp.489-506; W.R. Scott, *Institutions and Organisations: Ideas and Interests* (Thousand Oaks CA: Sage, 2008); P. Bromley, H. Hwang, and W.W. Powell “Decoupling Revisited: Common Pressures, Divergent Strategies in the U.S. Nonprofit Sector”, 15 *M@n@gement* (2012), pp.468-501.

⁴² Meyer and Rowan, 1977; Orton and Weick, 1990; M. Power, *The Audit Society; Rituals of Verification* (Oxford: Oxford University Press, 1997).

⁴³ E.g. C. Hood, H. Rothstein and R. Baldwin, *The Government of Risk; Understanding Risk Regulation Regimes*, (Oxford: Oxford University Press, 2011); F. Haines, *The Paradox of Regulation: What Regulation Can Achieve and What it Cannot* (Cheltenham UK: Edward Elgar, 2011).

⁴⁴ M. Lodge, and K. Wegrich, *Managing Regulation; Regulatory Analysis, Politics and Policy*, (New York: Palgrave MacMillan, 2012), pp. 85-89.

⁴⁵ K.E. Weick, “Educational Organisations as Loosely Coupled Systems”, 21 *Administrative Science Quarterly*, (1976), pp. 1-19; J. Roberts, *The Modern Firm: Organisational Design for Performance and Growth* (Oxford: Oxford University Press, 2004); U. Moerth, “Soft Regulation and Global Democracy”, in M.L.Djelic and K. Sahlin-Andersson (eds.) *Transnational Governance: Institutional Dynamics of Regulation* (Cambridge: Cambridge University Press, 2006).

obtain a relative autonomous position by virtue of the strategic ties he/she builds within the organization *and* with its environment.

Contrary to risk managers as support staff and professionals, boundary spanners see an active role for themselves to influence regulation and its effects on the organization. Indeed, influencing regulation and its effects for the organization is considered an important part of their jobs. Boundary spanners play a political game between regulators and the organization, using their skills and means to mitigate the effects of regulation if these are found to conflict with those of the organization. For the risk manager as boundary spanner, information on policies and practices provides means to manage the organization and the environment. Reporting policies and practices consists not just of technical reporting, but is also considered from a marketing perspective. Risk managers have the position to they may frame organizational policies and practices to the environment strategically. At the same time risk managers may frame regulations as urgent to reinforce their position within the organization.

5. The risk manager as part of a regulatory community

Considering risk managers as part of a regulatory community takes the idea of risk managers as boundary spanners one step further. Literature on regulatory communities stresses collaboration over conflicts and differences. It focuses on the effectiveness of regulation rather than the effectiveness of organizations. To achieve effectiveness, interaction and learning between regulators and those in the corporation who are responsible for compliance – and these include risk managers – is considered vital. Risk regulation literature considers regulation as a learning process, is more prescriptive and has a far more positive outlook towards organizations.⁴⁶

A horizontal relationship between regulator and risk manager

The idea that risk managers and regulators are part of a regulatory community contrasts sharply with the perspectives of risk managers focusing on decoupling and boundary spanning. The relationship between regulator and risk manager in risk governance is considered to be harmonious, networked and horizontal rather than hierarchical and potentially conflicted.⁴⁷ Although regulators and risk managers hold different positions and affiliations, both share similar values and a basic understanding of the meanings and goals of regulatory action.⁴⁸

Risk governance literature stresses the importance of communication and trust within and across organizations, and argues that risk related processes are delicately interconnected and potentially conflicting processes.⁴⁹ Quality of knowledge is identified as an essential feature of risk governance which consists of principles such as ‘good knowledge’, communications and trust.⁵⁰

⁴⁶ J. Wiener, “Risk Regulation and Future Learning”, 8 *European Journal of Risk Regulation*, 2017, pp.4-9.

⁴⁷ Renn, 2008; M. van Asselt, and O. Renn, “Risk Governance”, 14 *Journal of Risk Research*, (2011), pp. 431-449; A. Klinke, and O. Renn, “Adaptive and Integrative Governance on Risk and Uncertainty”, 15 *Risk Research*, (2012), pp. 273-292.

⁴⁸ Black, 1997, pp. 30-38.

⁴⁹ N. Luhmann, *Trust and Power* (New York: Wiley and Sons, 1980); S. Whitfield, E. Rosa, A. Dan and T. Dietz, “Nuclear Power: Value Orientation and Risk Perception”, 29 *Risk Analysis*, (2009), pp. 425-437; E.A. Rosa, O. Renn and A.M. McCright, *The Risk Society Revisited; Social Theory and Governance* (Philadelphia: Temple University Press, 2014), p.167.

⁵⁰ P. Stern and H. Fineberg, *Understanding Risk: Informing Decisions in a Democratic Society* (Washington DC: National Academy Press, 1996); T. Horlick-Jones and J. Sime, “Living on the Border: Knowledge, Risk and Transdisciplinarity”, 36 *Futures*, (2004), pp. 441-456.

Risk governance as an inter-organizational feature

An important principle in risk governance is ‘inclusion’, the involvement of interested and affected stakeholders in collective decision making about risk. Inclusion promotes coping with uncertainty, complexity, and ambiguity.⁵¹ It also promotes democracy, social robustness, and social learning.⁵²

The literature on risk governance is inter-organizational in nature yet it rarely specifies risk governance processes across the public-private divide, i.e. between risk managers and regulators. Parker states that “Regulators must rely on a regulatory community in which regulators, compliance professionals, and other affected parties together work out standards for compliance, with regulators maintaining the crucial task of meta-evaluation.”⁵³ In other words, risk managers are assumed to convince other organization members to incorporate and align the external value with the organizational values. Moreover, it is assumed that “regulatory messages are communicated into a world of shared bonds and shared understandings in which companies can effectively respond to regulatory signals, and the parties deliberate effectively about their response to them, which, in turn, creates shared commitments to regulatory goals.”⁵⁴

Regulators and risk managers joining up for interpreting regulation

Although the relation between risk managers and regulators is considered a dual one, risk governance literature assumes a common ground will result from interaction. At the same time risk managers are assumed to be ‘streetwise’,⁵⁵ and as such, willing to compromise with corporate, often commercial, values. In other words: deliberations between risk managers and regulators will be more about the ‘how’ than the ‘what’. Risk managers and regulators are partners when discussing regulatory goals, whereas the ‘how’ will be subject of deliberations and interpretations by both risk managers and regulators. Both policies and practices of the risk managers’ industry are conditioned by regulations, as they are input for regulatory change at the same time. Policies, practices and regulation will be subject of joint interpretations and reinterpretations. Gilad emphasizes the same element of this interpretation process by introducing the concept of ‘regulatory meaning co-construction’⁵⁶. Regulators both anticipate and react on the way compliance professionals frame regulations.

The idea of joint interpretation and reinterpretation of regulation sounds idealistic, but is meant to complexify the motives of risk managers (and regulators) away from simplistic caricatures as self-interested actors. However, literature on regulatory communities primarily describes the relationship between these groups from the perspective of the regulator.

Risk managers as part of a regulatory community: implications for means, motives and strategies

Like the boundary spanner, the risk manager as part of a regulatory community has a unique strategic position between the organization and the regulatory environment. Moreover, literature on risk governance also stresses the unique knowledge of risk managers. It is this knowledge that facilitates

⁵¹ Rosa, 2014, p.167.

⁵² E. Roca, G. Gamboa, and J.B. Tabara, “Assessing the Multidimensionality of Coastal Erosion Risks: Public Participation and Multicriteria Analysis in a Mediterranean Coastal System”, in 28 *Risk Analysis*, pp. 399-412.

⁵³ C. Parker, “Compliance Professionalism and Regulatory Community: The Australian Trade Practices Regime”, 26 *Journal of Law and Society*, (1999), pp. 215-239.

⁵⁴ C. Parker, “Reinventing Regulation within the Corporation; Compliance-Oriented Regulatory Innovation”, 32 *Administration & Society*, (2000), pp. 529-565.

⁵⁵ Parker, 2002, pp. 180.

⁵⁶ S. Gilad, “Beyond Endogeneity: How Firms and Regulators Co-Construct the Meaning of Regulation”, 36 *Law & Policy* (2014), pp. 134-164.

cooperation between risk managers and regulators. Both groups use the same language and understand the complexities of their jobs. Compared to boundary spanning literature, risk governance literature focuses more on the substance of the interaction with the regulator, the so-called ‘regulatory conversations’.

Like boundary spanners, risk managers as regulators actively influence regulation and its effects on the organization. They actively engage in interactions with regulators to shape regulations and their consequences. As part of an assumed regulatory community, the risk manager collaborates with regulators – as fellow-professionals - and jointly (re)interpret policies and practices.

6. A typology of risk managers

Table 1 summarizes the four profiles which result from the literature study, and which support the identified roles of risk managers.

Risk manager as	Means	Motives	Strategies: the relation between policies and practices
1. Support staff	Standardization; license to standardize	Passive, cooperative, regulator as origin and provider of standards	Translating policies into practices as a technical effort
2. Professional	Exclusive knowledge; discretionary freedom	Passive, resistant, regulator as one source of policies, among others	Tailoring policies to practices; Coping with a variety of policies
3. Boundary spanner	Information position: strategic ties within both organization and environment	Active, resistant, regulator as part of the strategic environment	Explaining and framing policies and practices to the environment and to the organization.
4. Part of a regulatory community	Information position, exclusive knowledge, 'regulatory conversation'	Active, cooperative, regulator as part of a professional alliance	Joint (re)interpretation of policies and practices

Table 1: A typology of risk managers

Two dimensions enable us to distinguish the four roles of risk managers and their attitudes towards regulation more crisply.

Attitudes towards regulations: from passive to (pro-)active. The roles of the risk manager as professional and the support staff that we have identified have in common that they take the existence of regulations for granted. They are defined by institutions outside the corporation, that lie beyond the risk manager's influence. In these roles, regulations are considered a given. Literature on support staff does not even consider the role of a regulator, outside the organization. Instead, it focuses on the role of the risk manager inside the organization, more specifically, how risk managers behave towards parts of the organization. Regulators, then, are considered outside sources of pressure which create constraints that have to be translated into technical standards. The role of risk managers as professionals considers regulations as inventions from outside the sphere of influence of the risk manager. However, in this role, outside requirements are aligned with and related to other requirements, coming from inside and outside the organization. The main challenge of the risk manager is to solve the puzzle how to simultaneously cope with these different requirements.

When risk managers are boundary spanners or regulatory community agents, they adopt a more (pro-)active approach. In these roles, risk managers seek to actively influence regulation and its effects on the organization as part of their jobs – a broader and more integral approach which more actively connects the outside world to the inside work of the the risk manager. The role of the boundary spanner explicitly assumes risk managers play an important role in the political game between regulators and the organization, using their means to mitigate the effects of regulation. Risk managers as part of a regulatory community are even more (pro-)actively involved in interactions with regulators to (re)define regulations and its consequences.

Attitudes towards regulators: from resistant to cooperative. Where risk managers assume roles as professional and boundary spanner, they display a relatively resistant attitude towards regulators. In these roles, regulators are considered sources of 'problems'. As professionals, risk managers view regulation as a coping problem, which requires them to implement regulations that do not necessarily align with organizational values, and might even be in conflict with them. The role of boundary spanners considers that regulators pose a continuous potential threat towards organizational goals and interests. Consequently, relations with these institutions are more actively 'managed' to influence this source of power outside of the organization.

In contrast, risk manager roles as support staff and regulatory community agents display a much more cooperative attitude towards regulators. In these roles, regulators and risk managers share a common professional or even moral interest or philosophy. This like-mindedness facilitates - either explicit or implicit - mutual understanding and cooperation. In the role of support staff, regulators provide a source of power to risk managers. Implementing regulations in an organization requires elaborate (technical) knowledge. This knowledge is provided by the risk manager and the implementation process is facilitated by risk manager's systems. The more detailed these systems become, the more they restrict the freedoms of operators and line managers. The role of risk managers as regulatory community agents emphasizes cooperation with regulators even more explicitly. This cooperation is considered natural, and facilitated by an assumed common ground with the meanings and goals of regulatory action.

Table 2 frames the four roles of risk managers on these two dimensions.

Compliance attitude/ attitude towards regulators	Resistant	Cooperative
Passive	Risk manager as professional	Risk manager as support staff
Active	Risk manager as boundary spanner	Risk manager as part of a regulatory community

Table 2: Positioning the four types of roles of risk managers

7. Conclusion and discussion: Variety and its consequence for regulation

Risk managers can be ambivalent towards regulation. In this contribution we assumed that 'the' risk manager does not exist, and that risk managers can perceive their role differently. This affects how way they deal with this ambivalence, and how this affects their attitude towards regulation. By bringing together insights from organizational and regulation literature we identified four roles and their consequences on risk managers' attitude towards regulation, as well as to their efforts to connect their organization to regulators.

We have distinguished four roles of risk managers. These are: risk managers as 1) support staff, 2) as professionals, 3) as boundary spanners and 4) as agents in a regulatory community. Table 1 summarizes the results of this analysis. The significance of these four roles for risk managers' attitudes towards regulation and regulators is shown in table 2. The tables allows scholars to appreciate the complexities of the risk managers' function. It also provides them with an overview of the different perspectives about this role, as well as what this means for the means, motives and strategies that risk managers employ.

These insights also are of potential value to regulatory regimes that deal with risk managers. First, the typology combines organisation studies and risk regulation literature. Bridging those two fields provides more detailed insights about why risk managers can be perceived as ambivalent. This ambivalence might be given, but the way risk managers deal with ambivalence of course differs per individual. These differences are significant for the effectiveness of regulation.

Second, this contribution provides additional insight in the relation between risk regulation and strategies of risk managers. Based on the typology, we propose that strategies of risk managers are dependent on how risk managers define their role. This in turn influences how they connect regulatory policies to practices in corporations. Earlier studies emphasized the coerciveness of regulatory regimes as a main explanatory factor to explain this coupling.⁵⁷ However, part of the risk manager's job is to manage this process of coupling. Based on our analysis we theoretically identified four different strategies that risk managers can resort to to manage the coupling. These strategies follow from different perceptions about the role of the risk manager, i.e. translating policies to practices, tailoring policies to practices, explaining and framing policies and practices, and joint (re)interpretation of policies and practices (see table 1). Obviously, these strategies differ to such an extent that a one-size-fits-all regulatory approach stands little chance of becoming successful.

Is variety of risk managers problematic for risk regimes?

The variation in strategies that risk managers can employ to manage the coupling, i.e. to connect organizational practices with regulatory policies, and the corresponding ambivalence in what risk managers ought to do, could constitute a problem for risk regimes. The conclusion of this theoretical review of the role of risk managers is to neither justify nor criticize the current ambivalence in what risk managers in corporations do, and how they respond to regulation. Nor does it seek to impose the four roles of risk managers that were identified as definitive and complete descriptions. Instead, the roles identified in our analysis leads us to conclude that regulators should expect ambivalence in the behavior of risk managers and the organizations they represent, and find ways to deal with it.

A second conclusion is that the position of risk managers in the broader regulatory regime requires that risk managers and regulators use reflective skills on how to combine the different strategies and/or to shift from one strategy to another. So, given our conceptualization of the roles of risk managers, we can expect a problem when:

- a risk manager lacks the flexibility and/or the capacity to reflect on the relation between the roles of the risk manager and his (organization's) goals. When to use which strategy? For example because the formal mandate and corresponding interpretation of the risk manager's tasks do not align with the strategies and means that were identified in our typology.
- conversations of risk managers either with operational staff or with a regulator are not 'rich' and substantive enough to assess what strategy to connect regulatory policy to practice within the corporation is actually preferred. And also when conversations fail to reveal *how* the risk manager seeks to realize this;
- a regulator's expectation of behavior of risk managers is confined to part of the typology. This means the regulator assumes risk managers only engage in a subset of the four identified strategies to connect regulatory policies to organizational practices.

Finally, the contribution may inspire more scholarly empirical studies of risk managers in the future. For example: what internal or external institutional factors determine what roles risk managers 'play'? What explains switching behavior between the roles of risk managers? Tantalizing answers are inferred in this study (see table 1), but more in-depth studies could reveal more powerful insights. Empirical studies that focus on the role of the risk manager rather than on regulatory policies seem especially promising. Rather than focusing on regulatory policies as an operationalization of risk management behavior, future studies could focus on the actual behavior of risk managers which

⁵⁷ e.g. Meyer and Rowan, 1977; Orton and Weick, 1990; Power, 1997.

captures the confrontation between regulatory policies and the corporate environment. Another study could investigate how strategies of risk managers – such as ‘framing policies to practices’ - relate to compliance and/ or broader defined public values.

If we have more insight in these issues, the typology of roles may be strengthened and could serve as a valuable indicator for regulators to not only identify the ‘type’ of risk manager a regulator is dealing with, but also to understand how the regulatory regime is perceived by the risk manager and its corporation.