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Means of Bureaucratic Influence

The Interplay between Formal Autonomy and Informal Styles in International Bureaucracies

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2.1 Introduction

International public administrations (IPAs), that is, the secretariats of international governmental organizations (IGOs) that constitute the international counterparts to administrative bodies at national and subnational levels, have attracted considerable scholarly attention in recent years (Barnett and Finnemore 2004; Bauer et al. 2017; Ege and Bauer 2013; Knill and Bauer 2016; Liese and Weinlich 2006; Thorvaldsdottir, Patz, and Eckhard 2021). While several studies ascribe an influential role to IPAs in a variety of policy fields (Biermann and Siebenhüner 2009; Ege, Bauer, and Wagner 2021; Nay 2012; Reinalda and Verbeek 2004; Skovgaard 2017; Stone and Ladi 2015; Stone and Moloney 2019), the questions of to what degree and under which precise conditions these bodies influence the making and application of international public policies are still vividly debated (see Eckhard and Ege 2016; Ege, Bauer, and Wagner 2020). Given the increasing significance of global environmental challenges as discussed in this book, the question of independent influence is particularly relevant for international environmental bureaucracies (see Chapter 1). Instead of studying the secretariats of multilateral environmental conventions, however, we want to focus on the question of bureaucratic influence of larger and more institutionalized international bureaucracies, which nevertheless play an important role in global environmental governance (see Chapter 9). Comparing the administrations of the Food and Agriculture Organization (FAO), the United Nations Educational, Scientific and Cultural Organization (UNESCO), and the Organisation for Economic Co-operation and Development (OECD), which are involved in environmental governance with IPAs in other sectors, gives us the opportunity to determine if environmentally active administrations are characterized by common empirical configurations of style and autonomy and thus can be expected to exhibit a particular policy influence potential.

From a public administration and organizational theory perspective, the role and impact of specific administrative characteristics of international bureaucracies

regarding their financial and personnel resources, their competences and expertise, and their specific organizational routines and cultures are of particular interest in the context of this debate (Bauer et al. 2017). In this chapter, we hope to add to this debate about potential bureaucratic influence on policymaking beyond the nation-state in conceptual, theoretical, and empirical terms. When speaking about influence, we depart from the “having an effect” definition prominently introduced by Biermann et al. (2009: 41) who defined IPA influence as “the sum of all effects observable for, and attributable to, an international bureaucracy” (see also Liese and Weinlich 2006: 504; Weinlich 2014: 60–61). Yet for our analytical purpose we modify this definition insofar as we consider IPAs’ influence potentials rather than trying to factually distil the degree of administrative influence on a given policy adopted by an IGO (see Bayerlein, Knill, and Steinebach 2020; Knill et al. 2019). Conceptually, we distinguish between two sources of potential bureaucratic influence, namely formal structural autonomy enjoyed by IPAs and informal behavioral routines as they become apparent in different administrative styles (Davies 1967; Hooghe et al. 2017; Knill 2001; Knill and Grohs 2015; Lall 2017; Simon 1997; Wilson 1989). Structural autonomy and administrative styles are two important aspects (but certainly not the only ones) within the intensively debated explanatory programs with respect to bureaucratic influence: formal administrative structures and informal administrative behavior.

Formal autonomy captures the extent to which an IPA is granted formal competencies and resources to develop and implement public policies. Even though the autonomy concept used here goes beyond formal delegation by also capturing the administrative capacity to develop autonomous preferences (see Bauer, da Conceição-Heldt, and Ege 2015), its operationalization relies on formal organizational characteristics. In this context, researchers typically refer to principal–agent models and highlight the structural relationship between the IPA and its political principals, the member states, expressed in terms of the formal powers and resources member states surrender to the IPA and the control functions they install (Abbott and Snidal 1998; Hawkins et al. 2006a; Hooghe and Marks 2015; Jankauskas 2022; McCubbins, Noll, and Weingast 1989; Stone 2011). In particular, the literature on the rational design of IGOs would expect a higher potential for bureaucratic influence, the higher the levels of formal autonomy of IPAs rise (see, e.g., Ege et al. 2023; Haftel and Thompson 2006; Johnson 2013; Koremenos, Lipson, and Snidal 2001).

Administrative styles, by contrast, capture informal organizational routines that reflect an IPA’s institutionalized orientation both in functional terms (policy effectiveness) and in positional terms (institutional consolidation) (Bayerlein, Knill, and Steinebach 2020). Depending on the prevalence of these orientations, IPAs can be conceived as either servant-oriented (trying to read their mission from the

lips of their political masters) or entrepreneurial (actively trying to independently push the policymaking activities of their organization in certain directions). In other words, on a continuum between servant-oriented and entrepreneurial style IPAs, one would expect that the more entrepreneurial an IPA is, the more influential it becomes (Knill et al. 2019; Nay 2012; Oksamytna 2018).

We thus take the presumed relationship between autonomy and style, on the one side, and bureaucratic influence, on the other, as our point of departure. However, our prime aim is not to empirically measure and substantiate this relationship but rather to study in more detail how administrative autonomy and administrative style relate to each other in real-world IPAs. This is relevant because with respect to the IPA's formal capacities and informal routines debates have evolved rather isolated from each other. If a systematic theory of the IPA's policy influence is the objective, and if informal and formal administrative patterns are of such importance, as many researchers in the field claim, then the question of how these two bureaucratic dimensions relate to each other in the international sphere is of central analytical interest. In theoretical terms, we therefore want to shed light on the relationship between the formal and the informal sources of bureaucratic influence. We illustrate our theoretical considerations with an empirical assessment of these configurations for nine IGO secretariats operating in different policy fields.

Although there are no IPAs with exclusive environmental policy responsibilities in our sample, our approach is particularly relevant for the study of more specialized environmental bureaucracies such as the secretariats of multilateral conventions. Curiously, attempts to measure the formal autonomy and identify the administrative styles of environmental bureaucracies are rare or even nonexistent in the literature (but see Biermann and Siebenhüner 2009; Widerberg and van Laerhoven 2014). Probably the most systematic attempt to explain influence of environmental bureaucracies with formal factors relating to the "polity" of these organizations was made by Biermann et al. (2009). While the formal mandate, rules, and so on are mentioned in this seminal work, the organization's autonomy is not explicitly defined and operationalized as an explanatory variable. Similarly, this work did not explicitly use the concept of administrative styles, although "people and procedures," including factors such as organizational culture and leadership style, were important variables.

Considering the scarcity of autonomy and style-focused research with respect to international bureaucracies, we believe that the literature on the role and influence of environmental bureaucracies could benefit greatly from adopting the approach presented in this chapter. This seems particularly relevant, first, because of the importance of normative beliefs in the environmental field, which makes a focus on the informal behavior of international civil servants beyond a narrow focus on executive leadership fruitful, and, second, because of the contested nature of costly

environmental policies, such as decarbonization strategies, which makes a restriction of formal autonomy of specialized environmental bureaucracies by their principals very likely. In this imaginable context of restricted autonomy combined with deeply rooted normative preferences of IPA staff, our approach can provide an important analytical tool for further research.

Our findings display a variety of configurations. As we will show, there is no clear and dominant pattern in which formal autonomy and administrative styles are linked. A strong and autonomous formal status does not automatically go together with entrepreneurial administrative practices. This is especially visible when looking at the administration of the FAO, UNESCO, and the OECD, which are also active in addressing environmental issues. At the same time, weak autonomy does not necessarily imply that administrative styles reflect a servant type. By shedding light on the complex interactions between formal and informal bureaucratic features, our insights have important implications for the design of accountability mechanisms in view of optimizing bureaucratic control in the international sphere.

The remainder of this chapter is structured as follows: We first present our concepts in more detail to assess formal and informal sources of bureaucratic influence (Section 2.2). We then turn to the theoretical discussion of the relationship between autonomy and administrative styles (Section 2.3). In Section 2.4, we empirically assess different configurations of bureaucratic influence sources within the different IGOs under study. On the basis of our empirical data, we demonstrate how the two concepts link empirically and discuss the relevance and consequence of the emerging patterns – with a particular focus on their potential impact upon policy-making beyond the nation-state.

2.2 Conceptualizing and Measuring Sources of IPAs' Bureaucratic Influence

There are many conceivable ways to conceptualize and ultimately measure the influence of international bureaucracies. We do not claim exclusivity for the approach we develop here. We do, however, contend that if the internal characteristics of IPAs are put into focus, then formal as well as informal aspects need to be systematically considered. Furthermore, we see a twofold gap in current research in this area: On the one side, disciplined measurement strategies of both formal and informal concepts are often neglected; on the other side, no attempt is made to investigate whether there is a systematic relationship between formal and informal bureaucratic features – and how these relationships may play out in practice. It is against this background that the following heuristic and analytical suggestions are made.

To capture formal sources of bureaucratic influence, we rely on the concept of structural autonomy (Bauer and Ege 2016a; Ege 2017). The informal

potential of bureaucratic influence, by contrast, is assessed on the basis of administrative styles developed by Knill, Eckhard, and Grohs (2016; see Bayerlein, Knill, and Steinebach 2020). With regard to the formality–informality distinction, the difference between the two concepts is visible not only in their conceptualization but also in their operationalization. While the measurement of autonomy relies on formal characteristics, administrative styles are measured based on administrative self-perceptions by means of semistructured interviews with IPA staff members.

Structural Bureaucratic Autonomy

The concept of bureaucratic autonomy is primarily used in the comparative study of regulatory and executive agencies (see Verhoest et al. 2004). Based on the observation that autonomy “means, above all, to be able to translate one’s own preferences into authoritative actions” (Maggetti and Verhoest 2014: 239), the concept can also be used to study the structural features of international administrations. To this end, we argue that in order to wield policy influence, a bureaucracy requires the capacity to develop autonomous preferences (autonomy of will) and the ability to translate these preferences into action (autonomy of action) (Bauer and Ege 2014; Caughey, Cohon, and Chatfield 2009). To measure bureaucratic autonomy, we use the following eight indicators (each ranging from 0 [low] to 1 [high]), which are then combined into an unweighted additive index (ranging from 0 to 8). After the description of the individual indicators, Table 2.1 will provide a summary of the operationalization of bureaucratic autonomy.

To understand the autonomous will of IPAs, one must first consider the fact that bureaucracies are collective actors. Hence, we take into account IPAs’ administrative cohesion, which depends on their staff members’ ability to overcome obstacles to collective action and interact with political actors as a unified organizational entity (Mayntz 1978: 68). IPAs can be expected to be cohesive if staff members have similar national backgrounds and have been able to stay with the organization over a longer period of time. Second, the development of an autonomous will requires administrative differentiation, which allows staff members to form distinct (administrative) preferences that can potentially differ from those of the political principals. We measure this dimension by considering independent leadership (Cox 1969) and independent research capacities (Haas 1992) as two important means that facilitate the potential for administrative differentiation in IPAs. While independent leaders can be expected to defend the secretariat’s position against political pressure, independent research capacities are an important means for an administration to develop (and defend) policy options that are different from those of the political actors of the IGO.

In order to be attributed *autonomous action* capacities that allow the bureaucracy to translate its (potentially distinct) preferences into action, delegation research highlights the relevance of formal powers and independent administrative resources (Hooghe and Marks 2015). The powers of IPAs culminate in the functional role of the Secretary-General (SG) as the organization's highest civil servant. These powers concern their ability to insert independent proposals into the political process and also the ability of the entire bureaucracy under the SG's leadership to sanction those who do not comply with organizational rules and norms (Joachim, Reinalda, and Verbeek 2008). Moreover, the resources of an organization need to be sufficiently high, as well as independent from its members. Staffing and funding are the most important resources of public organizations. Thus, having enough of their own staff available to work within a particular issue area and being financially independent from member states and other donors are key features in this respect (Brown 2010).

Based on these propositions, Table 2.1 summarizes the indicators used to measure autonomy. A more detailed description of the measurement is presented in Bauer and Ege (2016a, b). Combining the indicator scores into an additive index creates an autonomy continuum with two extreme poles at the end. Bureaucracies with high structural autonomy have the potential to be particularly influential during policymaking. They combine substantive executive powers and resources with a capacity for independent preference formation and internal cohesion. As such, they constitute a strong administrative counterbalance to the IGO's political sphere. Autonomous bureaucracies may use their central position to influence policymaking throughout the policy cycle, ranging from policy initiation and drafting to implementation and service delivery. Bureaucracies with low structural autonomy play a relatively passive role during policymaking and only provide technical assistance or monitor tasks either at the IGO's headquarters or in the organization's field missions and offices. This may also include executive duties that the IPA implements relatively autonomously, but only for tasks that can be clearly specified by the political principals, for example, through rule-based delegation.

Administrative Styles

The concept of administrative styles emerged in the context of comparative public policy and public administration literature. Administrative styles can generally be defined as stable informal patterns that characterize the behavior and activities of public administrations in the policymaking process (Bayerlein, Knill, and Steinebach 2020; Knill 2001; Knill and Grohs 2015). Administrative styles manifest themselves in organizational routines and standardized practices and are as

Table 2.1 *Measurement of bureaucratic autonomy*

	Dimension	Indicator	Operationalization
Autonomy of will	Cohesion	<i>Homogeneity of staff (nationality-based)</i>	<i>Ratio of ten largest nationalities (in terms of staff) to total organizational personnel</i>
		<i>Administrative permanence</i>	<i>Ratio of staff with open-ended contracts to total number of staff</i> No mobility rules: High Mobility is voluntary but explicitly encouraged: Medium Mobility is mandatory: Low
Autonomy of action	Differentiation	<i>Independent leadership</i>	<i>Share of heads of administration recruited from within the organization</i>
		<i>Independent research capacities</i>	<i>Centrality of research bodies at different hierarchical levels</i> Existence of a research body at the department level (directly below the SG): High Existence of two or more research bodies at the division level (two hierarchical levels below the SG): Medium high Existence of one research body at the division level (two hierarchical levels below the SG): Medium low No research body at division level or above: Low
		<i>Agenda competences</i>	<i>Degree to which the SG is involved in setting the agenda for legislative meetings</i> SG is responsible for the preparation of the draft agenda and items cannot be removed prior to the actual legislative meeting: High SG is responsible for the preparation of the draft agenda but items can be removed prior to the actual meeting: Medium high The executive body, not the SG, is responsible for the preparation of the draft agenda and items cannot be removed: Medium low The executive body, not the SG, is responsible for the preparation of the draft agenda and items can be removed: Low

Table 2.1 (cont.)

Dimension	Indicator	Operationalization
	<i>Sanctioning competences</i>	<p><i>Sanctioning powers of the organization vis-à-vis its members</i></p> <p>Autonomous capacity to impose sanctions: High</p> <p>Power to call for sanctions against noncompliant members: Medium high</p> <p>Denial of membership benefits (e.g., voting rights and IGO services): Medium low</p> <p>Only naming and shaming by issuing reports or admonitions: Low</p>
Resources	<i>Personnel resources</i>	<p><i>Number of total secretarial staff per policy field</i></p> <p>Organization employs 1,500 staff or more per policy field: High</p> <p>Organization employs between 1,000 and 1,499 staff per policy field: Medium high</p> <p>Organization employs between 500 and 999 staff per policy field: Medium low</p> <p>Organization employs less than 500 staff per policy field: Low</p>
	<i>Financial resources</i>	<p><i>Degree to which the organization relies on independent sources of income</i></p> <p>Self-financing: High</p> <p>Mandatory contributions: Medium</p> <p>Voluntary contributions: Low</p> <p>(In case an organization relies on several financial resources, we use the source with the highest share of the budget.)</p>

Source: Bauer and Ege (2017)

such distinct from the deliberate strategic behavior of an IPA's staff or bureaucratic politics (e.g., Allison 1971). Following Knill et al. (2019: 85–86, emphasis in original),

we conceive of administrative styles as *relatively stable behavioral orientations* characterizing an organizational body. It is an institutionalized informal *modus operandi* that materializes as a guiding principle over time and by repetition, routinization, and subsequent internalization. Under conditions of uncertainty and complexity, individual bureaucrats develop routines for coping with shortages of knowledge, information-processing capacities, and time (Simon, 1997). Similarly and depending on their underlying rationale, administrators can develop and internalize behavioral patterns sought to influence their organization's policies (Knill, 2001; Wilson, 1989). We interpret these observable patterns as corresponding to an ideal typical characterization of IPAs' 'styles' in shaping IPA behavior. Rather than restricting our analytical focus on an IPA's formal position we are thus interested in the extent to which an IPA developed *informal routines* that allow it to exert influence beyond formal rules or whether its informal activities remain in line with or even behind its formal position.

The study of administrative styles originated from early attempts to “characterize and account for the significantly different ways people carry out relatively standard political/administrative tasks” (Davies 1967: 162). Under conditions of uncertainty and complexity, administrators and policymakers develop routines in order to cope with shortages of knowledge, information-processing capacities, and time (Simon 1997). At the organizational level, such coping strategies can consolidate into stable patterns of problem-solving behavior (Wilson 1989).

To measure administrative styles at the level of international organizations we analytically differentiate between different patterns of administrative involvement in the initiation, policy formulation, and implementation of policies (Bayerlein, Knill, and Steinebach 2020; Knill, Eckhard, and Grohs 2016). In each phase, we assess IPA activities along three indicators that capture both functional aspects of technically sound policymaking and political aspects that guarantee alignment with political interests of the principals from an early stage on (Aberbach, Putnam, and Rockman 1981; Mayntz and Derlien 1989). After the description of the individual indicators, Table 2.2 will provide a summary of the operationalization of administrative styles.

During the stage of policy initiation, IPAs might vary in their ambitions to come up with new policy items that should be addressed (*issue emergence*), to mobilize support for their policies (*support mobilization*), and to identify the political preferences of their principals with regard to certain initiatives (*mapping of political space*). In the drafting stage, IPAs might vary in their approach to develop policy solutions (*solution search*), their efforts placed on *internal coordination*, and the extent to which they consider the political preferences

of their principals when developing their drafts (*political anticipation*). With regard to the implementation stage, we consider the extent to which IPAs make *strategic use of their formal control and sanctioning power*, their engagement in *policy evaluation*, and their *ambitions to promote IGOs' policies* in their organizational environment. Overall, we can thus identify nine activities – three for each stage of the policy cycle – in which IPAs regularly have room to maneuver. We suggest all indicators to be equally important for the assessment of an IPA's administrative style.

For each of these nine activities, we differentiate two extreme poles. One is the policy entrepreneur as stylized by Kingdon (1984) and others (Mintrom and Norman 2009), an advocate of policy proposals who shows a willingness to invest time and resources in the hope of future return. The policy entrepreneur is highly active in detecting new policy problems and bringing them to the agenda, constantly observing political opportunities, and in strategically mobilizing political or societal support to shape the political agenda. When formulating policy proposals, entrepreneurs are perfectionists in the sense that their proposals are based on a holistic triangulation of the problem at hand, the desired end, and the available resources (Mintzberg 1978). As implementers, entrepreneurs are interventionists. Although the secretariat's sanctioning powers might be limited, bureaucrats can increase their steering capacity by collecting systematic information on policy effects or by developing close relationships with involved stakeholders, interest groups, national administrations, or external experts.

On the other end of the spectrum resides the more pragmatic servant-style administration resembling Max Weber's ideal-typical conception of bureaucracy as a value-neutral machinery. Servant administrations pursue a "wait-and-see" approach by primarily responding to external policy requests instead of actively exploring windows of opportunity. When formulating policies, we can observe an instrumental and service-oriented role perception and the perpetuation of existing policies in an incremental manner (Lindblom 1959). From such a perspective, civil servants would do as requested and not question the substance of their tasks, even if they found them to be flawed. In implementation, the servant secretariat relies on a mediating approach. It refrains from observing and trying to improve compliance that goes beyond its legally specified duties, and it relies on nonhierarchical mechanisms of self-regulation. The servant-style IPAs must not necessarily be equated with suboptimal performance or the absence of intentional action per se. It is well possible that a servant-style IPA conceives of itself as a "good" and faithful servant to its political principal and acts accordingly (Boyne and Walker 2004: 240; Rainey 1997).

Knill et al. (2019) provide a more comprehensive discussion of the concept and its determinant, arguing that styles vary depending on the extent to which an

IPA is challenged externally (perceived domain challenges, perceived political challenges) and internally (lack of cognitive slack, contested belief systems). Depending on the nature of these challenges, some indicators point to a more entrepreneurial style and others point to servant behavior, thereby reflecting the overall style as being between the two extreme poles. Knill et al. (2019) further discuss how the configuration of individual indicator values can be theoretically meaningful. This means that change in styles is possible to the extent that external or internal challenges change, which should occur only gradually.

Table 2.2 summarizes the operationalization of administrative styles. Empirical data was gathered by Bayerlein, Knill, and Steinebach (2020) on the basis of semistructured expert interviews with 124 individuals at the headquarters of an IGO between 2015 and 2017 (see interview list in Table 2.A1). Each interview lasted between thirty and ninety minutes and followed the list of indicators as presented in Table 2.2. Adjustments were made depending on an interviewee's job profile. Interviews were recorded and transcribed afterward. Individual questions/statements were coded qualitatively along the operationalization in Table 2.2 on which basis each organization received one value for each indicator, ranging from low to high (see Bayerlein, Knill, and Steinebach 2020, for more details on the data and measurement). For the present purpose, we translate these measures into numerical values (low = 0, medium = 0.5, high = 1) and construct an additive index of administrative styles, with a low overall value representing a servant style and a high overall value representing an entrepreneurial style.

While there is no endogeneity problem in the measurement of the two concepts, one may find a slight conceptual overlap between the dimension "administrative differentiation" (autonomy) and "solution search" (style). Owing to the different means of data collection (staff interviews vs. structural characteristics of the IPA) this should not be much of a problem for the following comparison – also in view of the advantage of being able to systematically study how these two dimensions are related.

2.3 Theoretical Considerations on the Relationship between Formal and Informal Institutions

In the previous section, we suggested two systematic ways to conceive and measure formal and informal characteristics of international bureaucracies. The basis of our theoretical and analytical considerations remains, however, restricted to these concepts. In other words, no orientation emerged as to how the two spheres, the formal and the informal, relate to each other. Conceptualizing the link between the two concepts is the aim of the following paragraphs.

Table 2.2 *Measurement of administrative styles*

Phase	Indicator	Operationalization
Policy initiation	<i>Mapping of political space</i>	Usually no mapping activities to investigate the IPA's principals' preferences at an early stage: Low No clear pattern; occasional mapping activities to investigate the IPA's principals' preferences at an early stage: Medium Usually strong mapping activities to investigate the IPA's principals' preferences at an early stage: High
	<i>Support mobilization</i>	Usually no mobilization activities; no active coalition-building exercises to gain external support: Low No clear pattern; occasional mobilizations activities: Medium Usually strong mobilizations activities; active coalition-building exercises to gain external support: High
	<i>Issue emergence</i>	Usually outside the bureaucracy: Low No clear pattern; occasionally within the bureaucracy: Medium Usually within bureaucracy: High
Policy drafting	<i>Political anticipation</i>	Usually no functional politicization; the IPA is routinely not sensitive to its political implications: Low No clear pattern; occasional functional politicization: Medium Usually strong functional politicization; the IPA is routinely very sensitive to its political implications: High
	<i>Solution search</i>	Usually pragmatic drafting with short-cuts or simple heuristics, settling for the first best solution: Low No clear pattern; occasional systematic assessment of the underlying problems and a consideration of alternatives, settling for the optimal solution: Medium Usually systematic assessment of the underlying problems and a consideration of many alternatives, settling for the optimal solution: High

	<i>Internal coordination</i>	Usually no efforts to deviate from the default mode of negative coordination: Low No clear pattern; Occasional efforts to deviate from the default mode of negative coordination: Medium Usually strong effort to deviate from the default mode of negative coordination: High
Policy implementation	<i>Strategic use of formal powers</i>	Usually the IPA refrains from open conflicts: Low No clear pattern; occasionally the IPA makes strategic use of its formal power: Medium Usually the IPA makes strategic use of its formal power: High
	<i>Policy promotion</i>	Usually the IPA makes no efforts to strengthen the impact of organizational outputs: Low No clear pattern; occasionally the IPA makes efforts to strengthen the impact of organizational outputs: Medium Usually the IPA makes strong efforts to strengthen the impact of organizational outputs in every possible way: High
	<i>Evaluation efforts</i>	Usually the IPA barely follows the formal evaluation guidelines or does not apply them properly: Low No clear pattern; occasionally the IPA follows the formal evaluation guidelines: Medium Usually the IPA strongly follows the formal evaluation guidelines and makes frequent use of the institutional evaluation mechanisms: High

Source: Bayerlein, Knill, and Steinebach (2020)

Studying the interplay between formal and informal organizational features is a long-standing and traditional research topic for organizational theorists (see, e.g., Groddeck and Wilz 2015; Tacke 2015). In the field of public administration, diverse aspects of the relationship between formal and informal features of organization have been studied, ranging from the interplay between the formal and informal accountability structures (Busuioc and Lodge 2016), and the link between formal discretion and informal behavior of street-level bureaucrats (Lipsky 1980), to the relationship of formal and actual autonomy of regulatory agencies (Jackson 2014; Maggetti 2007). In a similar vein, differentiating between formal and informal features of organizations is also prominent in IGO research (Jankauskas 2022). Martin (2006: 141), for instance, distinguishes “between formal agency, which is the amount of authority states have explicitly delegated to an I[G]O, and informal agency, which is the autonomy an I[G]O has in practice, holding the rules constant.”

Yet while the distinction of formal and informal institutions can be considered as common sense in the relevant literature, the theoretical conception of the relationship between both elements is far from straightforward. In this regard, we can conceive of two scenarios that emphasize either tightly or merely loosely coupled formal and informal arrangements.

Departing from a *tight coupling* scenario, we expect that the degree of structural autonomy of an IPA should largely determine its administrative styles. In this regard, the most straightforward expectation is that higher autonomy should come along with more entrepreneurial style patterns. Yet the assumption of tight coupling of this kind would factually render the differentiation between formal and informal arrangements obsolete. If informal routines are epiphenomenal to formal institutions, there is no need to study the informal side of the story as no independent explanatory added value is to be expected. Instead, we could simply rely on structural autonomy in order to estimate the potential influence of IPAs on policymaking beyond the nation-state. To additionally look at informal routines would be superfluous.

In fact, the heavy emphasis placed on the distinction between formal and informal institutions in the literature lends strong support to assume a scenario of *loose coupling*, in which structural autonomy and administrative styles are considered as phenomena independent of each other. The justification for this view emerges from the fact that the literature emphasizes rather different factors that influence variation in terms of formal and informal arrangements. While structural autonomy, for example, is primarily explained against the background of principals’ preferences, institutional path dependencies but also functionalist reasoning (Ege 2017; Hawkins et al. 2006b; Pierson 2000), informal institutions like administrative styles have their roots in factors like socialization, common professional backgrounds, and administrative perceptions, as well as narratives of

Bureaucratic autonomy	High	Paradox of strength Loose coupling Moderate influence potential	Mutual reinforcement Tight coupling High influence potential
	Low	Mutual discouragement Tight coupling Low influence potential	Paradox of weakness Loose coupling Moderate influence potential
		Servant	Entrepreneur
Administrative style			

Figure 2.1 Ideal-typical configurations of formal and informal potentials of bureaucratic policy influence

external challenges through competition in organizational fields or political threat (Bayerlein, Knill, and Steinebach 2020; Knill 2001; Knill, Eckhard, and Grohs 2016). In short, the fact that different variables account for variation in formal and informal institutions should lead us to conceive of both elements as independent phenomena. Consequently, a highly autonomous IPA does not necessarily need to adopt an entrepreneurial style, while an IPA with low autonomy may not automatically adopt a servant style.

Against these considerations, we can distinguish four ideal-typical configurations of bureaucratic influence potentials. These are based on the differential relationship between formal and informal bureaucratic characteristics in the form of IPA autonomy and styles (Figure 2.1).

In line with the conceptual nature of administrative autonomy and administrative styles as outlined earlier, we expect that formal and informal arrangements can reinforce (also in terms of their mutual absence) or weaken each other with regard to an IPA’s potential influence on policymaking. The highest potential for bureaucratic policy influence is expected in constellations in which high structural autonomy is paired with an entrepreneurial administrative style. By contrast, a rather low influence potential can be expected for the combination of low structural autonomy and a servant style shaping informal administrative procedures.

A moderate potential for bureaucratic influence can be expected in the two remaining constellations, which are defined by either the combination of high structural autonomy and a servant style or the combination of low structural autonomy and an entrepreneurial style.

While patterns of mutual reinforcement or discouragement at first glance seem straightforward, the other two patterns (the bottom right and the top left corner of Figure 2.1) might be characterized as rather paradoxical. As already argued elsewhere (see Knill, Eckhard, and Grohs 2016), an IPA with high structural autonomy that develops informal routines that mean the bureaucracy actually remains below its formally available influence potential reflects a *paradox of strength*. By contrast, an IPA that is formally weak but combines this with a strong entrepreneurial orientation reflects a *paradox of weakness*. We expect the potential for policy-making influence in both these cases to be moderate, given that either structural or behavioral limitations remain.

There are no reasons to assume a priori that any of these four constellations (as well as any administration between the different extreme poles) is more or less likely to emerge empirically. In particular, we should not expect the constellations *mutual reinforcement* and *mutual discouragement* to reflect more stable and more dominant constellations than any other configuration of formal and informal influence potentials. If this were the case, by contrast, we should indeed see a deterministic linkage between formal and informal arrangements – a constellation we would expect neither in light of our theory nor in view of the state of the art in IPA influence research.

A first glance at existing research findings indeed provides support for a rather unsystematic variation of formal and informal influence potentials. Without the aforementioned theoretical roadmap, one could interpret these findings as basically inconsistent. The study of national regulatory agencies is a good illustrative example here: Hanretty and Koop (2013) find support for the reinforcement hypothesis by concluding that formal statutory autonomy is an important determinant of actual independence. However, in practice, Maggetti (2007) shows that the two features are largely decoupled from each other. He concludes formal independence is neither a necessary nor a sufficient condition for explaining variations in the de facto independence of agencies.

The same can be said about research that focuses on the secretariats of IGOs. While it is argued, for instance, that “[d]ifferences in the structure of international bureaucracy afford leading officials with varying degrees of political and procedural influence over the organizations that they manage” (Manulak 2017: 6), the establishment of this link in an empirical manner remains difficult. It can thus be concluded that despite a growing body of literature on IPAs (Barnett and Finnemore 2004; Bauer, Knill, and Eckhard 2017; Biermann and Siebenhüner 2009; Johnson

and Urpelainen 2014), existing research is still inconclusive regarding the extent to which, and how, the bureaucratic structure of international administrations shapes basic behavioral patterns of its staff (see Trondal 2011: 795), as well as which specific structural factors matter most for international bureaucracies' behavior and their influence on policy output (Eckhard and Ege 2016). It is the objective of the following section to investigate such configurations of informal and formal influence potentials of IPAs more systematically.

2.4 Empirical Assessments of the Combination of Formal and Informal Influence Potentials

Based on the operationalization of autonomy and styles as outlined above, we have gathered and published empirical data on a large range of IPAs (Bauer and Ege 2016a; Bayerlein, Knill, and Steinebach 2020; Enkler et al. 2017; Knill, Eckhard, and Grohs 2016). Our empirical data on structural autonomy and administrative styles spans nine IPAs: ILO, UNESCO, OECD, OSCE, WHO, FAO, IOM, UNHCR, and IMF. While none of these IPAs are purely environmental bureaucracies, three have at least some responsibilities in environmental issues. This is the case with the FAO, which is, for instance, involved in the multistakeholder initiative “Partnership on the environmental benchmarking of livestock supply chains” (LEAP) that aims to improve the environmental performance of livestock supply chains.¹ Via its natural science sector, UNESCO is also active in environmental issues covering water, ecological science, and earth science.² Finally, the OECD collects a variety of data on environmental issues in its member states and offers its expertise on topics ranging from climate change to biodiversity.³

While we do not claim that this sample is representative in a general sense, it includes IPAs with diverse values in many of the dimensions that are usually highlighted as theoretically important – such as membership in the UN system, budget size, number of staff, headquarter or field presence, and policy fields. In the context of this book's environmental focus, this case selection allows us to compare environmentally active administrations with other IPAs in order to find out if they are characterized by common empirical configurations of style and autonomy.

Figure 2.2 summarizes our aggregate autonomy and style scores for the nine IPAs. Based on their values, we can establish to which of the four theoretical clusters an IPA belongs. While there is no mathematically exact way of doing this,

¹ www.fao.org/partnerships/leap/en/ ² www.unesco.org/new/en/natural-sciences/environment/

³ www.oecd.org/environment/

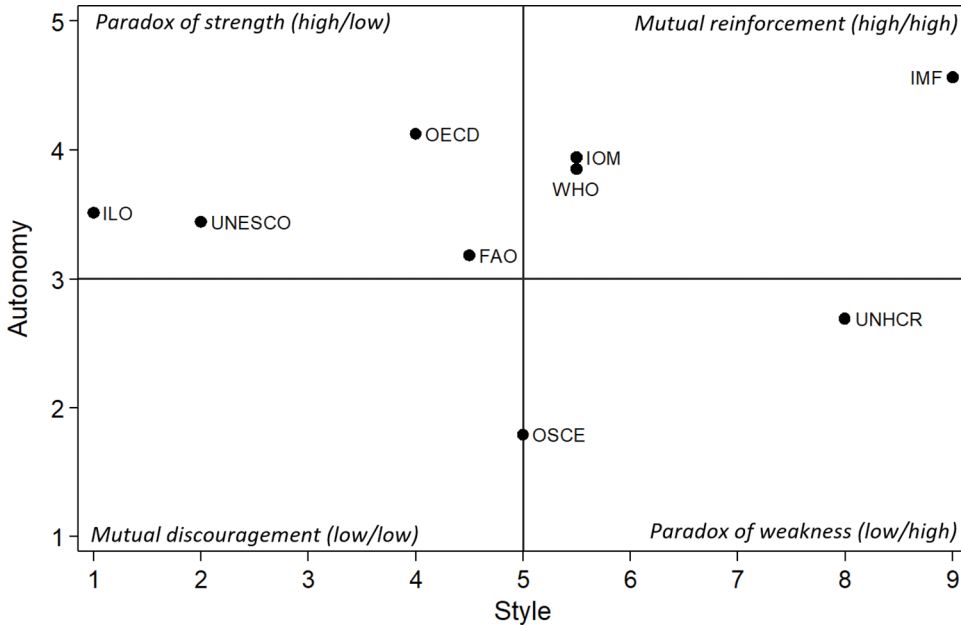


Figure 2.2 Empirical configurations of formal and informal potentials of bureaucratic policy influence

we see on the basis of their distance to one another that IPAs are represented in all fields except the area of mutual discouragement (low/low). We now highlight some exemplary quotes drawn from our interviews to illustrate how – in the context of varying degrees of autonomy – such strategic entrepreneurial or servant behavior plays out empirically in each of the quadrants.

Paradox of weakness – combining low autonomy with an entrepreneurial style: The UNHCR administration’s autonomy is restricted in many ways (visible, e.g., in its low staff homogeneity and low administrative permanence, a lack of centralized research capacities, and weak sanctioning capacities), which is also reflected in the way bureaucrats describe their relation to member states. One interviewee, for example, said: “It would be, in my view, pretty unlikely that we would develop a policy without sufficient consultations either internally or externally. ... After all, we are dependent on the financing of some twenty countries around the world. You can’t ignore your stakeholders” (UNHCR 13). Despite their financial dependence and limited structural autonomy, UNHCR staff coherently emphasize that they are not afraid of taking a clear policy position that at times even clashes with key donor interests: “We are not at all averse to conflict. Our first orientation is towards our mandate. That is the role that has been given to us and that we need to fulfil” (UNHCR 10). The key to UNHCR’s

entrepreneurial spirit, and this tells much about how IPA policy influence plays out in practice, is a focus on informal bargaining: “Much of our work goes on behind the scenes. When UNHCR makes a public statement of criticism of a government, it’s because we have exhausted each and every level before arriving at that point” (UNHCR 1). This implies that despite their relative restrictive formal powers, UNHCR’s IPA has developed a track record of good bilateral relations and informal partnership with many states that allows them to informally influence policy “behind the scenes.”

Paradox of strength – combining high autonomy with a servant style: The ILO, UNESCO, OECD, and with limitations also the FAO are examples for the opposite scenario of loose coupling with relatively substantial autonomy and servant-style behavioral patterns. For example, the ILO’s autonomy relies mainly on its independent leadership, centralized research divisions, and substantial personnel and financial resources. Because of their comparatively autonomous status, ILO bureaucrats perceive themselves as relatively unchallenged. As one staff member said with a reference to member states: “They need you. They cannot decide not to work with you. ... They can’t afford to do that alone. They need the ILO, they need the expertise” (ILO 5). This one-sided dependency allows the bureaucracy to take a back seat instead of actively promoting their own agenda: “If [you ask] most of my colleagues ‘how do we sell ourselves?’ they won’t know. Like they have no reason or objective to sell ILO to anybody” (ILO 14). The situation is similar within UNESCO, as one interviewee who explained UNESCO’s policy planning process detailed: “[T]he secretariat is involved but not in terms of the design process. I don’t think it is our role.... It is a country-driven process” (UNESCO 3). It is similar in the OECD too, where an official said that it “is very important for us to keep regular contact with the member states ... you can really see what the problems and topics are and then we make our proposals for the work program out of that” (OECD 7). Bureaucrats in all four organizations thus wait for request instead of developing their own ideas and convincing others to turn them into policy or to implement them. One interviewee said with an eye on their policy engagement that “[it is] less mapping of the political space. It is mostly responding to requests” (ILO 4). Another respondent said that “we are the pen holders, we do as told” (ILO 10). Finally, the servant strategy implies that all IPAs refrain from exerting pressure on member states or taking sides. For instance, when it comes to the implementation of their recommendations, the OECD remains very soft: “[A]t the moment we sort of hand over the report and we don’t come back to it” (OECD 8). ILO bureaucrats avoid taking sides by fostering one or the other policy position or brokering coalitions behind the scenes: “I wouldn’t say we are trying to build up pressure. In fact, we are often seen as a neutral party in these kinds of things. That’s the

added value of the ILO ... we are not promoting any particular agenda” (ILO 14). A UNESCO staff member said that it is often “difficult to change partners so you ... simply report that it unfortunately wasn’t possible” (UNESCO 5). All in all, this shows that these IPAs do not exploit the potential influence they gain through their structural autonomy.

Mutual reinforcement – combining high autonomy with an entrepreneurial style: The IMF, which is based in Washington, DC, is the clearest example in our sample of an IPA with both an entrepreneurial style and high autonomy values. The IMF is responsible for overseeing and safeguarding the stability of the international monetary and financial system and has 189 member countries (International Monetary Fund 2017). The IMF administration’s autonomy is, in comparison to others, mainly a result of high administrative permanence, strong research capacities, relatively strong sanctioning capacities, and independent financing. The IMF has significant formal powers (Lang and Presbitero 2018), which is also how its personnel perceive it: “While [other IGOs] may actually be much stronger on some topics than the Fund, for example climate change, the Fund still gets more attention and recognition in this area.... This really shows the power of the Fund” (IMF 7). Interestingly, this does not coincide with a behavioral pattern of neutrality and response, as in the ILO or UNESCO. Instead, the IMF IPA is characterized by an entrepreneurial style with respondents frankly admitting that they do take sides and promote certain policy positions: “[T]he only way to implement (certain policies) is to convince the authorities that it is something good for them to do. We also try to build a consensus around certain policies, and if most countries are on board with it we can tell the remaining ones ‘you are the only ones not doing this’” (IMF 2). Another respondent said that

at the IMF it is very different from my previous work [at another IGO]. There, we may not have liked the decisions the principals made, but we knew that was the place where the decisions were made. The way I see it here, staff think they could make the decisions themselves, so why should they trust the top management or the Board [i.e., member states, the authors] to make the right decisions?

(IMF 3)

Mutual discouragement – combining low autonomy with a servant style: Even though the OSCE with its low autonomy and medium entrepreneurship comes closest to this configuration, a clear empirical manifestation of this ideal-type is missing in our sample. It is puzzling that the configuration that most closely resembles the idea of IGOs that has for decades been predominant in theorizing in international relations is absent empirically. We can only speculate as to whether this is a peculiarity of our case selection or indicative of a broader phenomenon. While this result may raise doubts about the representativeness of our sample, it is also possible that an IPA in this quadrant is generally of limited use for IGO members – as a certain degree of autonomy is a functional requirement for an IPA to fulfil its

tasks in the first place (Hawkins et al. 2006b: 13; Mayntz 1978: 66–67). Thus, in the absence of structural autonomy, an IPA may be able to actively compensate this precarious situation by developing a particularly entrepreneurial behavior to eventually justify its existence to the members. Thus, the lack of empirical cases in this field could indicate that informal and formal factors of IPAs are not fully independent of each other but that the informal administrative style can be interpreted as strategic reaction to predetermined formal context factors. This would explain why we find this “paradoxical” combination. To further substantiate this argument, however, the sample needs to be extended to include more low-autonomy organizations.

2.5 Conclusion

In this chapter we argued that if a theory of international bureaucratic influence is the aim, we have to disentangle the relationship between formal and informal administrative characteristics in view of the resulting potential for administrative impact on policymaking. Therefore, we revisited the controversial debate about the relationship between formal and informal features of public administrations. We presented concepts to identify and measure structural autonomy (an example of formal characteristics) and administrative styles (an example of informal routines) of international public administrations. By mapping empirical intensities of structural autonomy as well as the occurrence of (entrepreneurial or servant-like) styles, we identified four constellations of the relationship between these formal and informal characteristics. More specifically, we have asked whether the relationship is characterized predominantly by tight or loose coupling of the two concepts and applied our theoretical considerations by means of an empirical assessment of autonomy and styles in nine IPAs. Moreover, we used interview quotations from the UNHCR, ILO, and IMF administrations to illustrate the empirical existence of these combinations.

Our findings display no dominant pattern in which formal autonomy and informal styles are linked. In the majority of our cases, however, we observe a loose coupling of the two features, implying what we call the paradox of strength and weakness rather than mutual reinforcement or discouragement. Thus, our findings indicate that formal autonomy does not determine administrative styles. Rather formal autonomy and administrative styles are best considered as influence potentials that evolve and operate independent of each other. Consequently, we cannot simply rely on structural autonomy in order to estimate the potential influence of IPAs. Instead, in order to explain IPA influence on policymaking beyond the nation-state, the two aspects need to be conceptualized separately and linked empirically. These findings have important implications. First, the case of

UNHCR indicates that IPAs are capable of entrepreneurial informal reactions to situations of precarious structural autonomy. This supports previous arguments made with regard to the OSCE (Knill, Eckhard, and Grohs 2016) and provides further evidence that such a paradox of weakness may indeed be a more common feature of structurally weak administrations. Second, our insights have important implications for the design of accountability mechanisms in view of optimizing bureaucratic control in the international sphere. The finding that formal autonomy and informal styles work relatively independent of each other emphasizes that formal control and oversight in IGOs (Grigorescu 2010) may be effective only if supplemented by more informal means of securing accountability. Otherwise, member states as the collective principals may indeed be faced with a runaway bureaucracy (Elsig 2007). A growing body of research on the ways member states seek representation in IPA staff bodies and thereby enact control and influence (Eckhard and Dijkstra 2017; Eckhard and Steinebach 2021; Manulak 2017; Urpelainen 2012) is indicative of this argument. Third, and this is particularly relevant in the context of this book, our findings show that all three environmentally active IPAs studied here are characterized by a loose coupling of style and autonomy, leading to what we describe as a paradox of strength. While such a combination of high autonomy and a servant style may result in a formally influential but often rather passive role played by the three IPAs, this finding suggests that it is particularly important for other organizations populating the global administrative space in environmental governance to step in and take initiative. The chapters of this volume show that multilateral environmental convention secretariats seem to have especially taken on this challenge and over time have become more entrepreneurial, attention-seeking, and influential.

Even though we did not study these secretariats in this chapter, we argue that owing to the nature of (global) environmental policy, investigating environmental convention secretariats' autonomy and styles (as well as the relationship between the two means of influence) is promising. First efforts to apply the concepts presented here have been made. For instance, a recent study analyzes the administrative styles of the climate secretariat in the run-up to the Paris Agreement and during the course of its implementation (Saerbeck et al. 2020).

In this chapter, we focused on intrabureaucratic factors and the question of how they are related to each other in view of the administrative potential to influence international policymaking. Thus, a word of caution is in order. Studying bureaucratic influence by putting formal and informal organizational features center stage is not to deny that there are many other factors such as organizational leadership, member states' political agendas, situational staff preferences, the structure of the underlying problem, or external events that need to be

considered, if in empirical cases the concrete or de facto influence of an international bureaucracy is to be established in particular cases. In their seminal work on the influence of the managers of global change, Biermann and Siebenhüner (2009) have provided a realistic design for studying such bureaucratic impact covering a broad range of factors. Even more than a decade later, empirical research can rely on their conceptual blueprint. Our modest contribution in this chapter is intended to complement this work by advancing on the intraorganizational side of the story. Thus, future research may want to investigate why and when reinforcement and discouragement takes place and how the different constellations can be interpreted in terms of bureaucratic influence. While we could only hypothesize how the two features impact on bureaucratic influence, this nexus should be explored empirically by conceptualizing influence as a separate dependent variable.

Annex

Table 2.A1 *Interview list for the measurement of administrative styles as presented in Figure 2.2*

IGO No. Interviewee's position Date	IGO No. Interviewee's position Date
IMF 1 Economist February 2015	IOM 1 Associate Expert, MECC May 2015
IMF 2 Deputy Division Head December 2015	IOM 2 Disaster Risk Reduction, livelihoods and urbanization expert May 2015
IMF 3 Senior Economist December 2015	IOM 3 Head of International Processes May 2015
IMF 4 Economist December 2015	IOM 4 Migration Policy Officer, Global Processes Unit May 2015
IMF 5 Division Chief December 2015	IOM 5 Consultant, Migrants in Countries in Crisis Initiative May 2015
IMF 6 Senior Economist December 2015	IOM 6 Global Project Coordinator, Migration, Environment & Climate Change May 2015
IMF 7 Advisor December 2015	IOM 7 Head, Immigration and Border Management May 2015
IMF 8 Executive Director December 2015	IOM 8 Chief of Staff June 2016
IMF 9 Economist December 2015	IOM 9 Director of International Cooperation and Processes June 2016
IMF 10 Economist December 2015	IOM 10 Senior Labour Migration Specialist June 2016
IMF 12 Assistant Director December 2015	IOM 11 Global CCCM Cluster Coordinator June 2016
IMF 13 Assistant Director December 2015	IOM 12 Research Assistant June 2016
IMF 14 Division Chief December 2015	IOM 13 Special Policy Advisor to the Director General June 2016
IMF 15 Advisor December 2015	
ILO 1 Senior Advisor May 2015	

Table 2.A1 (cont.)

IGO No. Interviewee's position Date	IGO No. Interviewee's position Date
ILO 2 Programme and Operations Officer May 2015	IOM 14 Global CCCM Civil Protection Specialist June 2016
ILO 3 Programme and Operations Officer May 2015	IOM 15 Labour Mobility & Human Development, Head of Division June 2016
ILO 4 Senior Advisor May 2015	IOM 16 Chief of Mission Libya June 2016
ILO 5 Technical Officer May 2015	OECD 1 Senior Project Manager February 2015
ILO 6 Senior Advisor May 2015	OECD 2 Economist February 2015
ILO 7 Programme and Operations Officer June 2016	OECD 3 Senior Analyst February 2015
ILO 8 Programme and Operations Officer June 2016	OECD 4 Director February 2015
ILO 9 Technical Officer June 2016	OECD 5 Senior Analyst February 2015
ILO 10 Country Director June 2016	OECD 6 Senior Economist February 2015
ILO 11 Technical Officer June 2016	OECD 7 Principal Administrator February 2015
ILO 12 Technical Officer June 2016	OECD 8 principal administrator February 2015
ILO 13 Senior Advisor June 2016	OECD 9 Senior Economist February 2015
ILO 14 Programme and Operations Officer June 2016	OECD 10 Policy Analyst February 2015
FAO 1 Technical Officer May 2015	OECD 11 Senior Economist February 2015
FAO 2 Consultant June 2015	OECD 12 Senior economist, head of unit February 2015
FAO 3 Programme Officer June 2015	OECD 13 Senior economist, head of unit February 2015
FAO 4 Policy Advisor June 2015	OECD 14 Senior Economist February 2015
FAO 5 Consultant May 2015	OECD 15 Policy Analyst February 2015
FAO 6 Programme Officer May 2015	OECD 16 Deputy Director February 2015
FAO 7 Communication Officer May 2015	OECD 17 Head February 2015
FAO 8 Senior Official June 2015	OECD 18 Senior Analyst Financial and Enterprise Affairs February 2015
FAO 9 Professional Officer June 2015	OECD 19 Senior Analyst Migration February 2015
FAO 10 Programme Officer June 2015	OECD 20 Senior Analyst February 2015
FAO 11 Consultant May 2015	OECD 21 Senior Analyst February 2015
FAO 12 Technical Officer June 2015	OECD 22 Policy Analyst February 2015
FAO 13 Technical Officer June 2015	OECD 23 Policy Analyst February 2015
FAO 14 Consultant June 2015	UNESCO 1 Director February 2015
FAO 15 Programme Officer May 2015	UNESCO 2 Programme Officer February 2015
FAO 16 Consultant June 2015	UNESCO 3 Programme Officer February 2015
FAO 17 Consultant May 2015	UNESCO 4 Programme Officer February 2015
FAO 18 Professional Officer May 2015	UNESCO 5 Assistant Programme Specialist February 2015
FAO 19 Senior Official June 2015	UNESCO 6 Programme Officer February 2015
OSCE 1 Transnational Threats Department March 2017	UNESCO 7 Programme Officer February 2015
OSCE 2 Office of the Co-ordinator of OSCE Economic and Environmental Activities March 2017	UNESCO 8 Deputy Ambassador February 2015
OSCE 3 Conflict Prevention Centre March 2017	UNESCO 9 Chief of Programme April 2016
OSCE 4 Conflict Prevention Centre March 2017	UNESCO 10 Chief of Section April 2016
	UNESCO 11 Director April 2016

Table 2.A1 (cont.)

IGO No. Interviewee's position Date	IGO No. Interviewee's position Date
OSCE 5 Conflict Prevention Centre March 2017	UNESCO 12 Senior Analyst April 2016
OSCE 6 Conflict Prevention Centre March 2017	UNHCR 1 Senior Official May 2016
OSCE 7 OSCE Secretariat Staff Committee March 2017	UNHCR 10 Senior Official May 2016
OSCE 8 Office of Internal Oversight March 2017	UNHCR 13 Head of Unit March 2017
OSCE 9 Transnational Threats Department March 2017	WHO 1 Embassy expert June 2016
OSCE 10 Transnational Threats Department March 2017	WHO 2 Director June 2016
OSCE 11 Department of Human Resources March 2017	WHO 3 Team Lead June 2016
OSCE 12 Department of Human Resources March 2017	WHO 4 Team Lead June 2016
OSCE 13 Department of Human Resources March 2017	WHO 5 Director June 2016
OSCE 14 Department of Human Resources March 2017	WHO 6 Technical Officer June 2016
OSCE 15 Office of the Secretary- General March 2017	WHO 7 Director June 2016
	WHO 8 Coordinator June 2016
	WHO 9 Director July 2016
	WHO 10 Director July 2016

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