

Vulnerability, trade, financial flows and state failure in small island developing states

McGillivray, Mark; Naudé, Wim; Santos-Paulino, Amelia

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**Vulnerability, Trade, Financial Flows and State Failure in
Small Island Developing States**

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Vulnerability, Trade, Financial Flows and State Failure in Small Island Developing States

Abstract

Small Island Developing States (SIDS) are very different to other developing countries. Relative to GDP they have the highest levels of foreign trade and aid receipts of all developing countries. Remittances from abroad are a far more important source of income for SIDS, and some depend very heavily on export revenues. The quality of governance varies tremendously among SIDS, they are over-represented among countries classified as fragile states and many are prone to state failure. These and other factors combine to make SIDS highly vulnerable to external economic shocks. Achieving development in SIDS is as a consequence an especially complex task that requires an understanding of the roles played by aid, trade, remittances and governance in these countries. This paper looks at these issues, along with providing various stylized facts about SIDS. In so doing it serves a background and broad contextual setting for the papers that follow in this *Special Issue* on 'Achieving Development in Small Island Developing States'.

Key words: Small island developing states, vulnerability, foreign aid, remittances.

JEL Classification numbers: D74, F2, F5, F35, F43, 057.

Vulnerability, Trade, Financial Flows and State Failure in Small Island Developing States

1. Introduction

The United Nations currently classifies 52 countries and territories as Small Island Developing States (SIDS). More than 50 million people live in these countries. Forty-three of these countries are located in the Caribbean and the Pacific regions. SIDS is a diverse group in a number respects. It includes countries that are relatively rich by developing country standards, such as Singapore and Bahamas, but also some of the poorest countries in the world, including Comoros and Timor-Leste.¹

All SIDS are vulnerable to economic shocks and natural hazards to a degree that few other countries or regions are (Attz, 2009, Heger, et al., 2009, McGillivray, et al. 2008, Naudé et al., 2009a, 2009b).¹ This is generally not compensated for by sufficient state or household resilience (Chowdhury, 2009). Relative to GDP they receive the highest levels of foreign aid of all developing countries, remittances from abroad are a very important source of income and some depend very heavily on export revenues. The quality of governance varies tremendously among SIDS and many are prone to state failure. These and other factors combine to make SIDS highly vulnerable to external economic shocks and especially susceptible to natural disasters, including tsunamis, and climate change.

It follows that achieving and sustaining development in SIDS is a complex and demanding tasks. Among its prerequisites is an understanding of the roles played by aid,

¹ Singapore – an export dependent SIDS – despite being a global financial and manufacturing hub, is also vulnerable external economic shocks. The country was particularly affected by the global financial recession and collapse in world trade, experiencing a decline in GDP growth rates during 2008-2009 (ADB, 2009).

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3 trade, remittances and governance. What is the impact of aid on growth and related
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5 outcomes? How should aid be allocated among SIDS? What are the impacts of trade
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7 shocks on current account balances? What drives remittances to SIDS and what are their
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9 macroeconomic impacts? What is the relevance of governance to growth in SIDS and
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11 what are the costs of state failure in them? These issues are addressed in the papers that
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13 follow in this *Special Issue*. This paper provides a broad background contextualization,
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15 providing a case as to why SIDS should be seen as especially vulnerable to external
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17 shocks, and why aid, trade, remittances and governance are dominant issues in
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19 development in these countries. It does this by providing stylized facts on these and other
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21 variables for SIDS and other developing countries.
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28 This paper consists of three more sections. Section 2 provides some stylized facts on
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30 SIDS and other developing countries. Section 3 provides an overview of the papers that
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32 follow in the *Special Issue*. Section 4 briefly concludes.
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36 **2. SIDS: A Development Profile**

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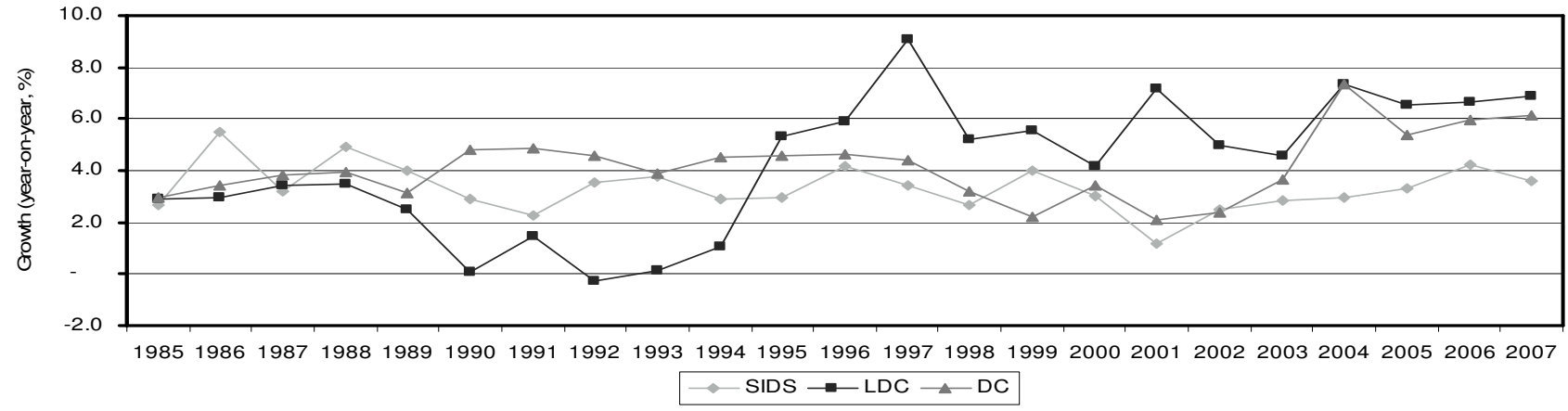
39 Most countries in the SIDS classification of UN are islands, developing countries and
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41 have sufficiently small populations to be classified as a SID. They differ, however, in a
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43 number of respects. As mentioned, they differ in terms of material living standards,
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45 measured by GDP per capita. GDP per capita, as shown in Appendix Table A2, ranges
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47 from \$US28000 in Singapore to only \$US369 in the Comoros. Human development
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49 outcomes, including those in health and education also vary substantially (UNDP, 2009).
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52 Yet, as relatively small economies they have much in common. The most central unifying
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54 feature is that due to their smallness they need far more than other economies to look
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3 beyond their own borders to drive economic growth and development. Prior to examining
4 this feature of SIDS let us first look at their growth performance relative to other
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6 countries.
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11 The SIDS group of countries has maintained a reasonable rate of real GDP growth in
12 recent decades. As is shown in Table 1 and Figure 1, they have achieved an average
13 annual yearly growth rate of real GDP over the period 1985 to 2007 of 3.3 percent.² All
14 countries in the developed country (DC) and least developed country (LDC) groups have
15 performed a little better over the same period, recording rates of real GDP of 4.2 and 4.1
16 percent, respectively.
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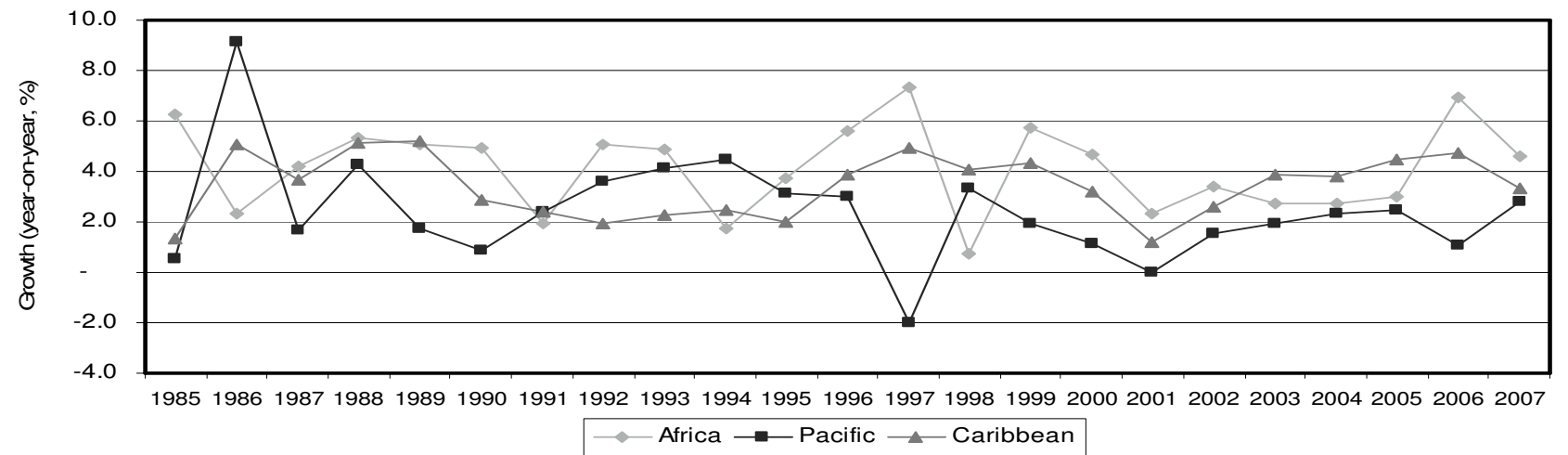
25
26 There is considerable variation in growth rates among SIDS, however, as Table 1 and
27 Figure 2 reveal. This reinforces the point about heterogeneity within the group. Of all
28 country groups shown, SIDS located in the Pacific region record the lowest average and
29 by far the most volatile GDP growth for the period under consideration. Pacific SIDS
30 growth rates range from 2.0 to 9.1 percent and the volatility, as measured by the
31 coefficient of variation shown in Table 1, is more than twice that of all developing
32 countries and the SIDS group as a whole. Volatility in GDP growth rates is also higher in
33 SIDS located in Africa and the Caribbean, respectively, than in all developed countries.
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Figure 1: Real GDP Growth, 1985 to 2007



Source: constructed from data in World Bank (2009a)

Figure 2: SIDS Real GDP Growth by Region, 1985 to 2007



Source: constructed from data in World Bank (2009a)

Table 1: Real GDP Growth Descriptive Statistics, 1985 to 2007

Country Group	Minimum	Maximum	Average	Coefficient of Variation
Small Island Developing States	1.2	5.5	3.3	0.27
African SIDS	0.7	7.4	4.1	0.42
Pacific SIDS	2.0	9.1	2.4	0.86
Caribbean SIDS	1.2	5.2	3.4	0.36
Least Developed Countries	0.3	9.1	4.2	0.61
All Developing Countries	2.1	7.4	4.1	0.31

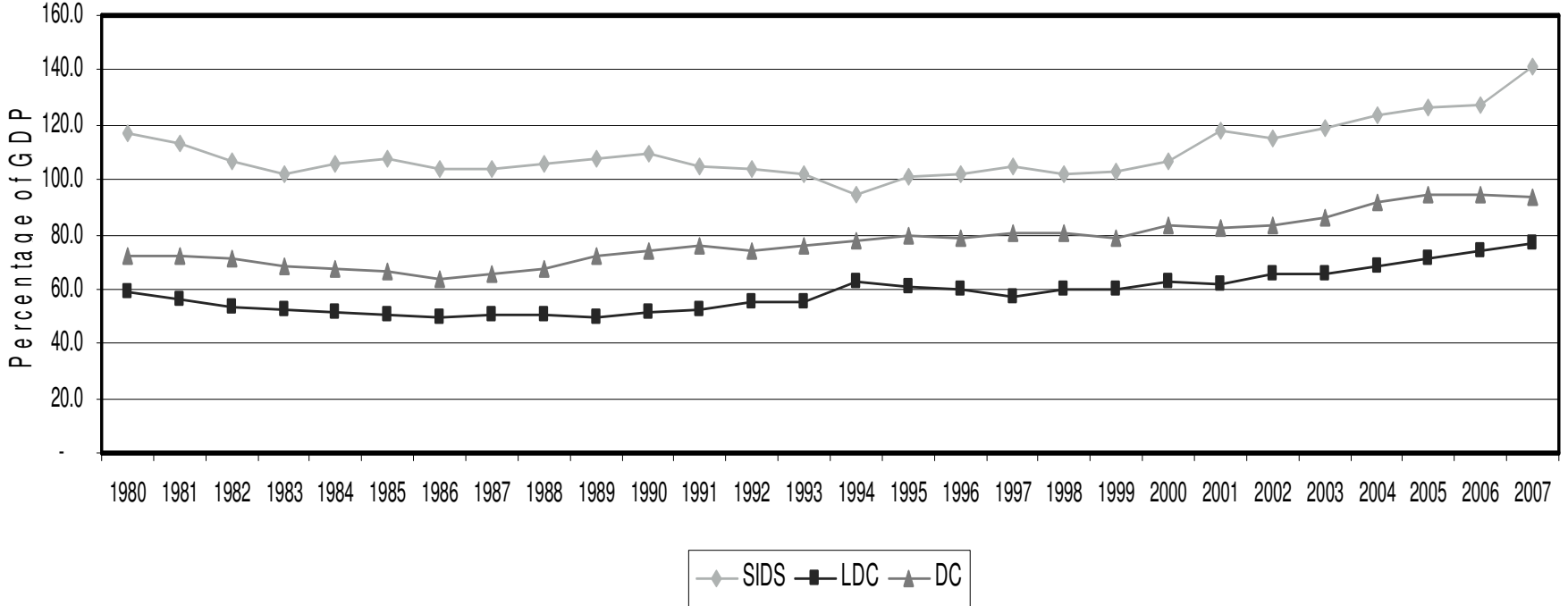
Source: calculated from data in World Bank (2009a).

Let us now go behind the GDP numbers and look at some of their drivers. It is well known that SIDS rely heavily on trade to drive growth. Heger et al. (2009) for instance show that in the Caribbean a single commodity accounts for an average of 45 per cent of exports, and the top five export commodities for between 70 per cent and 96 per cent of countries' exports. This creates economic vulnerability to changes in export demand and commodity prices.

Figure 3 and Table 1 show that trade flows, expressed as the sum of commodity exports and imports relative to GDP, are far higher in SIDS than in all other DCs and the LDC group over the entire period 1980 to 2007. Commodity exports and imports as a percentage of GDP in any one year were no less than 95 and as high as 141 per cent, and averaged 110 per cent for the entire period. The equivalent numbers for all developing countries were 64, 94 and 78 per cent, respectively. For the LDC group they are 49, 77 and 59 per cent, respectively. More pertinent is volatility in trade given its implications for vulnerability to external shocks. As Table 2 shows, SIDS trade is more volatile than for other developing countries. The coefficient of variation for SIDS trade relative to GDP for the period 1980 to 2007 is 10.23, compared that those for the all DCs and the LDC group,

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Figure 3: Trade Flows, 1985 to 2007

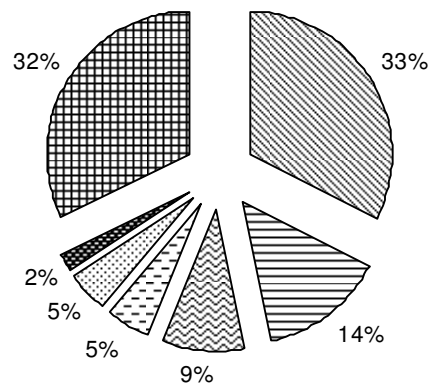


Source: constructed using data in World Bank (2009a).

Table 2: Trade Flow Descriptive Statistics, 1980 to 2007

Country Group	Minimum	Maximum	Average	Coefficient of Variation
Small Island Developing States	94.5	141.4	110.0	10.23
Least Developed Countries	49.3	77.0	58.7	7.56
All Developing Countries	63.9	94.3	77.5	8.80

Source: calculated from data in World Bank (2009a).

Figure 4: Destination of Pacific Island Countries and Timor-Leste Exports, 2007.

Australia
 Japan
 China
 Germany
 United States of America
 New Zealand
 Other

Source: AusAID (2009).

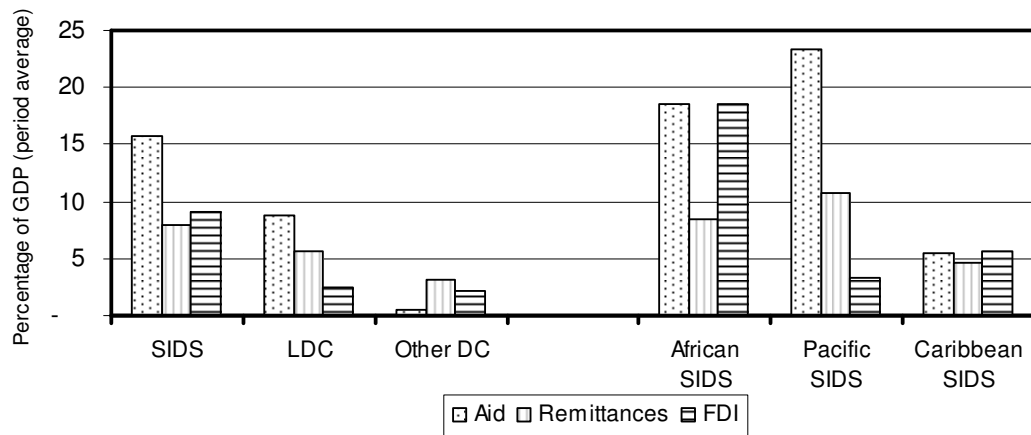
of 7.56 and 8.80, respectively. It is little wonder, therefore, that SIDS growth is more volatile than for these other groups of countries.

Trade related volatility will be a function of a number of variations, in addition to the level of trade relative to a country's GDP and concentration of commodities exported. It will also depend, one would expect, on the extent of concentration of export markets. Figure 4 shows the destination of commodity exports of Pacific Island countries and Timor-Leste, each of which are SIDS, for 2007. More than half of all exports of these SIDS go to three countries only. One-third goes to a single country, Australia. By relying

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3 on such a small number of exports markets these SIDS are clearly very vulnerable to
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5 economic down-turn in one or more of them.
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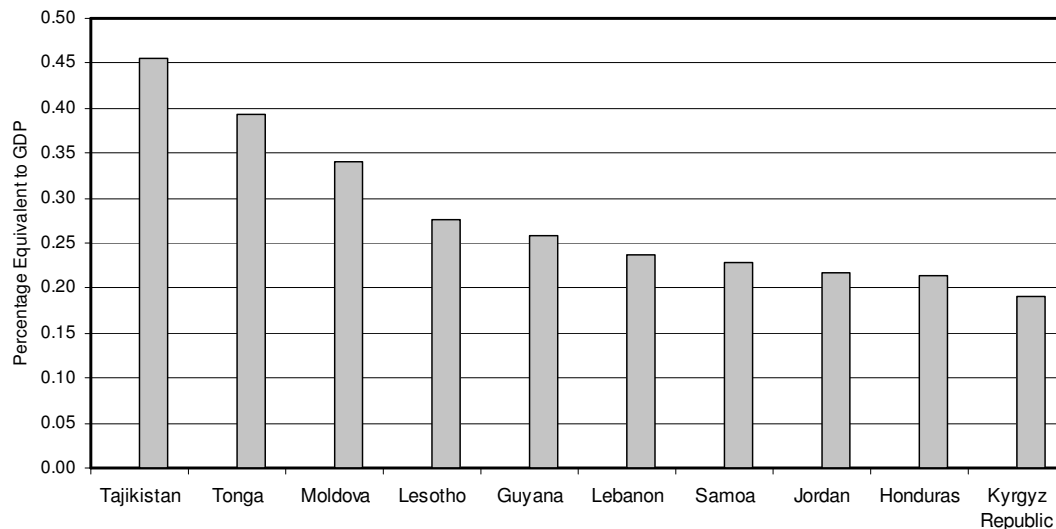
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9 Perhaps more striking are data on aid and private remittances to SIDS. These flows are
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11 most unlike trade in that they do not result from commercial activity. They result from
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13 conscious decisions of foreign donor governments and private overseas citizens to
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15 transfer resources to SIDS. Many SIDS very heavily rely on these transfers, more so than
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17 other countries. SIDS citizens look heavily to overseas labour markets. Those finding
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19 employment abroad send often relatively large amounts of money to relatives living at
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21 home and foreign governments provide extremely large amounts of official development
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23 assistance to SIDS.
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29 The preceding points are substantiated by Figure 5, which shows levels of official
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31 development assistance (aid), private remittances and foreign direct investment (FDI).
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33 Aid to SIDS during the period 1980 to 2006 was the equivalent of 16 per cent of GDPs,
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35 compared to only one per cent on average for all other developing countries. Private
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37 remittances from abroad to the former group of countries are the equivalent of eight per
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39 cent of GDP during this period, while for the latter they are three per cent. Remittances
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41 and aid to the LDC group were the equivalent of nine and six per cent of GDP,
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43 respectively, during 1980 to 2006.
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Figure 5: Aid, Remittances and FDI, 1980 to 2006

Source: constructed using data in World Bank (2009a).

There is considerable variation within the SIDS group in terms of aid, remittance and FDI flows. SIDS in the Pacific receive very large amounts of aid and remittances and low amounts of FDI relative to GDP. Aid and remittances to these countries are indeed far higher, at the equivalent of 23 and 11 per cent of GDP, respectively. African SIDS observe higher levels of FDI relative to GDP, at 19 per cent, than the other groups of SIDS. The Caribbean SIDS depend less on aid, remittances and FDI, with these flows being no higher than the equivalent of six per cent of GDP. Figure 6 reinforces just how important quantitatively remittances are to Pacific Islands, relative to others. It shows the ten remittance receiving countries in the world, when these inflows are measured as a percentage equivalent of GDP. Two of these countries are SIDS located in the Pacific, Tonga and Samoa. Remittances to these countries are the equivalent of just under 44 and 23 per cent of GDP, respectively.

Figure 6: Remittances to Top Ten Receiving Countries, 2007

Source: AusAID (2009).

Good governance has been shown time and time again in empirical studies to be a robust determinant of economic growth. There is also some empirical evidence, and a widespread belief in aid donor circles that governance is an important determinant of aid effectiveness. It is also reasonable to expect that building resilience to external shocks will crucially depend on the quality of governance in SIDS. The information in Table 3 should therefore be of concern.

The donor community for a number of years considered a state to be fragile if its World Bank Country Policy and Institution Assessment (CPIA) score was critically low. Two CPIA thresholds were used. One corresponded to a score that would put a country in the bottom two CPIA quintiles in the year in question. Another classified a country as fragile if it had a CPIA score of 3.0 or less (Branchflower et al. 2004, McGillivray 2006 and Feeny and McGillivray, 2009). This criterion is also used by the World Bank to classify a

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nation as low income country under stress (LICUS). The World Bank (2009b) publishes CPIA scores for countries that receive aid grants from its International Development Association (IDA). As Table 3 shows there were between 75 and 77 of these recipients between 2005 and 2008. Between 21 and 24 per cent of these countries were SIDS. While SIDS during these years typically had only slightly lower overall average CPIA scores than other IDA countries, they are over-represented in the fragile state category countries. That is, while between 21 and 24 per cent of IDA recipient countries were SIDS, SIDS constitute between 27 and 35 per cent of recipients that are fragile according to the above classification criteria.

Table 3: Policy and Institutional Performance Assessments

	2005	2006	2007	2008
Number of IDA Recipient Countries	76	77	75	76
Proportion of IDA Countries that are SIDS (%)	21	23	24	24
Proportion of SIDS in Bottom Two CPIA Score Quintiles (%)	30	33	27	30
Proportion of SIDS with CPIA Score of 3.0 or less (%)	30	33	35	35
Average CPIA Score – SIDS	3.34	3.27	3.29	3.30
Average CPIA Score – All other IDA Countries	3.33	3.32	3.22	3.33

Source: calculated from data in World Bank (2009b).

3. *Special Issue Overview*

This *Special Issue* contains further seven papers. The first is ‘Assessing the Economic Vulnerability of Small Island Developing States and the Least Developed Countries’ by Patrick Guillaumont. Guillaumont considers three questions that in subsequent papers underlie various more specific concerns with aid, trade, remittances and state failure in SIDS. These relate to why vulnerability matters for development in SIDS, how economic vulnerability is to be measured and the implications of measuring economic vulnerability for the allocation of aid. Guillaumont provides answers to these questions by analyzing

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3 the situation in SIDS in relation to the broader LDC category. A basic premise of the
4 paper is that aid dampens the negative effects of vulnerability on growth and aid is more
5 effective in vulnerable countries such as the SIDS. In support of the comments made
6 above about the vulnerability of SIDS, Guillaumont finds that on the basis of Economic
7 Vulnerability Index (EVI) values vulnerability is higher in SIDS than in LDCs and that
8 SIDS and LDCs are more economically vulnerable than other developing countries. He
9 does, however, find that EVI values for SIDS are diminishing over time.

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11 The third paper, 'Terms of Trade Shocks and the Current Account in Small Island States'
12 by Amelia U. Santos-Paulino, explores deeper into one of the most fundamental causes
13 of economic vulnerability in SIDS, export instability. Santos-Paulino focuses on how
14 shocks to the terms of trade impact on their current account balances. Using a panel data
15 vector autoregression (VAR) modelling approach, Santos-Paulino proceeds to quantify
16 the impact of terms of trade changes on the current account in a sample of 14 SIDS. She
17 finds that these have a negative impact on current account balances and real output. The
18 current account does recover after a lag, suggesting a J-curve type reaction of current
19 account balances to adverse terms of trade shocks. Finally, Santos Paulino considers the
20 policy implications of this finding, pointing to the importance of strengthening initiatives
21 such as the IMF's Compensatory Financing Facility, and the Stabex Scheme under the
22 Lomé (and Cotonou) conventions (relating to aid issues also discussed by Guillaumont).

23
24 The fourth paper, 'The Short Run Macroeconomic Impact of Foreign Aid to Small States'
25 by Henrik Hansen and Derek Heady, is the first of three looking intensively at foreign aid
26 to SIDS. The paper applies a VAR modelling approach to explain the short-run
27 macroeconomic responses to unexpected aid shocks. A key issue addressed is the
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observed volatility and smoothing of aid, and how this relates to absorptive capacity and spending, and the need for prudential policy decisions in the recipient economy. The study reports that aid dependent countries typically appear to smooth aid receipts, which is important to mitigate contemporaneous shortfalls in foreign assistance and other flows such as export earnings. Again, this reiterates a core message evident in the previous two papers.

The fifth paper, 'Aid and Growth in Small Island Developing States' by Simon Feeny and Mark McGillivray, examines the impact of aid on real per capita income growth in SIDS. Various econometric procedures are employed. The results suggest that foreign assistance is effective at fostering economic growth in SIDS but with diminishing returns. The paper also finds some evidence that foreign aid is less effective in SIDS that can be considered as highly fragile (namely, those in the bottom CPIA quintile), and that these countries face greater absorptive capacity constraints. It finds no evidence that the impact of aid on growth in SIDS is contingent on the quality of their policies and the performance of their institutions, except for those countries that are fragile, as fragility is effectively measured in governance terms through the CPIA. Since there seem to be diminishing returns in the impact of aid on growth in SIDS, meaning that the marginal effect of aid on growth falls as aid exceeds a given level, Feeny and McGillivray also consider whether aid volumes to SIDS are appropriate from a growth efficiency perspective. They find that while some SIDS receive far more aid than would be justified on a growth perspective, there is some scope for increases in aid to SIDS as a group.

The impact of aid on the macroeconomy is further examined in 'Aid and Dutch Disease in the South Pacific' by David Fielding. A weakness of studies looking at the impact of

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3 aid on growth is that they typically cannot tell us why aid might have had a particular
4 impact on growth. As such one is left to speculate as to the processes or channels through
5 which aid might influence growth. Fielding's study in part compensates for this by
6 looking at whether aid can lead to an appreciation of the real exchange rate in SIDS, i.e.
7 whether it induced Dutch Disease effects. There are strong a priori grounds for expecting
8 that aid to SIDS, especially those in Pacific, might have Dutch Disease impacts given the
9 level of these inflows relative to GDP. Fielding uses VAR modelling techniques to
10 address this question. Results suggest that, on average, a relatively closed middle-income
11 economy with inefficient government is more likely to suffer from Dutch Disease effects
12 of aid. Combined with the results obtained by Feeny and McGillivray, this suggests that
13 real exchange rate appreciations have offset to some extent the positive impact of aid on
14 growth in some SIDS.
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32 The seventh paper is 'Remittances and the Macroeconomy: The Case of Small Island
33 Developing States' by Catalina Amuedo-Dorantes, Susan Pozo and Carlos Vargas-Silva.
34 The paper is concerned with the impacts of natural disasters and foreign development aid
35 on remittances to SIDS and the impact of remittances on the real exchange rates of these
36 countries. The authors use a VAR econometric modelling approach and data for 19 SIDS
37 to analysis these impacts. They find that a natural disaster in SIDS is associated with
38 higher levels of remittances to these countries. The paper's finding for the link between
39 aid and remittances are particularly interesting. Aid donors do not seem to allocate aid on
40 the basis of the level of remittances received by SIDS. As such these donors neither treat
41 aid a substitute nor complement to remittances. The providers of remittances however
42 seem to treat these flows as a substitute for aid, by granting lower levels of remittances
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3 than would otherwise be the case when aid increases and higher levels than would
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5 otherwise be the case when aid decreases. Amuedo-Dorantes et al. find no evidence of an
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7 association between remittances and the real exchange rate in the sample of SIDS under
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9 consideration.
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13 The final paper is 'Paradise Lost: the Cost of State Failure in the Pacific' by Lisa
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15 Chauvet, Paul Collier and Anke Hoeffler. . It was pointed out above that SIDS are over
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17 represented among IDA recipients in the fragile state groups. Chauvet et al. attempt to
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19 quantify the cost of state failure among Pacific Island SIDS, defining a 'failing state' as
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21 one that is assigned to the above-mentioned LICUS group for at least four years
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23 continuously. They distinguish between three costs of state failure defined in this way: (i)
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25 the costs to the citizens in terms of poor policies and governance; (ii) the costs to the
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27 citizens in terms of conflict and uncertainty; and (iii) the (spillover) costs on their
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29 neighbours due to poor policies and conflict. As the authors note, because SIDS are
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31 islands there are less spillover effects, but the countries affected suffer more given that
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33 their openness will exacerbate the flight of capital and skilled labour. Thus, compared to
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35 other fragile states (where the major costs are those imposed on neighbours), the costs of
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37 state failure in SIDS is almost totally borne by the country itself. In this context, it
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39 follows that any possible case for intervention rests on humanitarian criteria rather than
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41 on protecting the interests of the other countries in the Pacific region.
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49 Overall, the papers show that policy and institutional performances in SIDS are
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51 correlated with other aspects of vulnerability. Hence, development outcomes are affected
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53 by both the intrinsic institutional constraints and resources endowments, alongside to the
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55 international dimensions of vulnerability, channeled by trade, finance and migration. A
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3 number of studies look at aid-exchange rate and/or aid-growth relationships, and although
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5 the results can be generalized for SIDS and other fragile developing states, some are
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7 related to specific areas like the South Pacific. For instance, Fielding's results regarding
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9 the impact of aid on the macroeconomy discussed above could be interpreted as more
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11 negative than others (e.g. Hansen and Heady's, and Feeney and McGillivray's). This can
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13 be attributed to different specifications or approaches to a relationship and/or samples.
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16 17 18 **Conclusion**

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20 This paper has provided a profile of Small Island Developing States (SIDS). It has
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22 pointed out that largely owing to their smallness, SIDS have to rely very heavily on
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24 factors beyond their borders to drive growth, in particular exports, aid and
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26 remittances. The paper also pointed out that the quality of governance varies
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28 tremendously among SIDS, they are over-represented among countries classified as
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30 fragile states and many are prone to state failure.
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34 The paper also provided a background and broad contextual setting for the papers that
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36 follow in this *Special Issue* on 'Achieving Development in Small Island Developing
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38 States'. The topics covered in this Special Issue provide a useful illustration of the
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40 type of research that can be conducted on SIDS. More research on these countries is
41
42 certainly warranted given the huge challenges they face. Hopefully this Special Issue
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44 will stimulate that research.
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Appendix

Table A1: Countries Classified as Small Island Developing States

Caribbean	Pacific	Other
Anguilla	American Samoa	Bahrain
Antigua and Barbuda	Cook Islands	Cape Verde
Aruba	Federated States of Micronesia	Comoros
Bahamas	Fiji	Guinea-Bissau
Barbados	French Polynesia	Maldives
Belize	Guam	Mauritius
British Virgin Islands	Kiribati	São Tomé and Príncipe
Cuba	Marshall Islands	Seychelles
Dominica	Nauru	Singapore
Dominican Republic	New Caledonia	Timor-Leste
Grenada	Niue	
Guyana	Northern Mariana Islands	
Haiti	Palau	
Jamaica	Papua New Guinea	
Montserrat	Samoa	
Netherlands Antilles	Solomon Islands	
Puerto Rico	Tonga	
Saint Kitts and Nevis	Tuvalu	
Saint Lucia	Vanuatu	
Saint Vincent & the Grenadines		
Suriname		
Trinidad and Tobago		
United States Virgin Islands		

Source: UN (2009).

Note: We use in this paper the UN (2009) classification for Small Island Developing States. See also see www.un.org/special-rep/ohrls/sid/list.htm. Not all SIDS are strictly speaking islands, as the inclusion of Guinea-Bissau for instance in the above list illustrates.

Table A2: Economic Indicators in Selected Small Island Developing States, 2006

	Population	Area (Sq. Km.)	GDP per capita (\$US million, 2000 prices)	Trade (% GDP)			
				Total	Services	Exports (goods & services)	Agriculture
<i>Africa</i>							
Cape Verde	530,269	4,030	1,447.0	75.0	58.9	19.9	8.6
Comoros*	628,410	1,861	369.3	51.3	..	2.7	12.6
Guinea-Bissau*	1,694,653	36,120	130.1	89.0	..	42.6	63.6
Maldives*	305,340	300	3,244.2	..	84.9	..	..
Mauritius	1,26,692	2,040	4,709.2	132.9	55.3	61.8	5.3
Sao Tome & Principe*	158,013	960	..	..	15.8	..	..
Seychelles	85,032	460	7,408.3	316.7	106.4	136.4	3.0
<i>Asia and Pacific</i>							
Fiji	834,278	18,270	2,202.0	113.4	..	48.9	15.1
Kiribati*	95,067	810	486.7	..	..	..	..
Marshall Islands	58,316	180	2,282.5	..	..	..	..
Micronesia	110,961	700	1,850.7	..	..	..	..
Palau	20,162	460	6,701.8	131.8	..	67.8	3.5
Papua New Guinea	6,324,097	462,840	656.1	157.5	..	89.5	35.5
Samoa*	181,293	2,840	1,712.6	..	37.0	..	11.6
Solomon Islands*	495,362	28,900	763.8	..	..	..	33.5
Singapore	4,588,600	699	28,964.2	433.0	88.2	230.9	0.1
Timor Leste	1,061,129	14,870	300.6	..	..	..	..
Tonga	102,214	750	1,666.4	..	33.7	..	27.5
Vanuatu	225,898	12,190	1,275.0	..	57.9	..	..
<i>Caribbean</i>							
Antigua & Barbuda	84,814	440	10,753.9	..	..	..	..
Bahamas	331,140	13,880	17,353.8	..	63.6	..	..
Barbados	293,942	430	..	..	..	..	..
Belize	303,991	22,970	3,769.2	121.6	44.3	59.9	12.3
Cuba	11,257,013	110,860	..	..	..	..	..
Dominica	72,793	750	..	..	..	..	..
Dominican Republic	9,725,569	48,730	2,889.3	75.9	18.0	34.5	12.0
Grenada	105,668	340	4,127.1	..	42.3	..	..
Guyana	738,548	214,970	1,062.1	..	41.2	..	..
Haiti*	9,611,554	27,750	411.3	45.4	13.5	11.0	..
Jamaica	2,675,800	10,990	3,091.1	..	43.4	..	..
St. Kitts and Nevis	48,790	260	8,660.3	52.2	..	..	..
St. Lucia	167,975	620	4,791.8	..	53.4	..	..
St. Vincent & the Grenadines	120,325	390	3,733.9	..	50.6	..	..
Suriname	457,686	163,270	2,875.8	..	25.1	..	..
Trinidad and Tobago	1,333,050	5,130	10,657.2	94.7	..	57.6	0.4

Source: World Bank (2009a). Only UN member countries are included in table and * denotes LCD status.

¹ Appendix Table A1 and A2 provide a listing of all current SIDS and data on economic and demographic data, respectively.

² Data in all Figures shown in this paper are taken from World Bank (2009a).